## IMBA Trail Difficulty Rating System

<table>
<thead>
<tr>
<th>EASIEST WHITE CIRCLE</th>
<th>EASY GREEN CIRCLE</th>
<th>MORE DIFFICULT BLUE SQUARE</th>
<th>VERY DIFFICULT BLACK DIAMOND</th>
<th>EXTREMELY DIFFICULT DBL. BLACK DIAMOND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trail Width</td>
<td></td>
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<tr>
<td>72&quot; (1,800 mm) or more</td>
<td>36&quot; (900 mm) or more</td>
<td>24&quot; (600 mm) or more</td>
<td>12&quot; (300 mm) or more</td>
<td>6&quot; (150 mm) or more</td>
</tr>
<tr>
<td>Tread Surface</td>
<td></td>
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<tr>
<td>Hardened or surfaced</td>
<td>Firm and stable</td>
<td>Mostly stable with some variability</td>
<td>Widely variable</td>
<td>Widely variable and unpredictable</td>
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<tr>
<td>Average Trail Grade</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Less than 5%</td>
<td>5% or less</td>
<td>10% or less</td>
<td>15% or less</td>
<td>20% or more</td>
</tr>
<tr>
<td>Maximum Trail Grade</td>
<td>Max 10%</td>
<td>Max 15%</td>
<td>Max 15% or greater</td>
<td>Max 15% or greater</td>
</tr>
</tbody>
</table>

### Natural Obstacles and Technical Trail Features (TTF)

- **None**
  - Unavoidable obstacles 2" (50 mm) tall or less
  - Avoidable obstacles may be present
  - Unavoidable bridges 36" (900 mm) or wider
- **Unavoidable obstacles**
  - 8" (200 mm) tall or less
  - Unavoidable bridges 24" (600 mm) or wider
  - TTF’s 24" (600 mm) high or less, width of deck is greater than 1/2 the height
- **Avoidable obstacles**
  - 15" (380 mm) tall or less
  - Unavoidable bridges 24" (600 mm) or wider
  - TTF’s 48" (1,200 mm) high or less, width of deck is less than 1/2 the height
- **Unavoidable obstacles**
  - May include loose rocks
  - Unavoidable bridges 24" (600 mm) or narrower
  - TTF’s 48" (1,200 mm) high or greater, width of deck is unpredictable
- **Avoidable obstacles**
  - Avoidable obstacles may be present
  - May include loose rocks
  - Unavoidable bridges 24" (600 mm) or narrower
  - TTF’s 48" (1,200 mm) high or greater, width of deck is unpredictable
  - Many sections may exceed criteria