

Converting Colors

CIELCh(65, 19.113, 159.992)

Have a look what the booklet for
CIELCh(65, 19.113, 159.992)
contains.

CIELCh(65, 19.503, 159.024)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 19.503, 159.024)

Conversions

Conversions Part 1

Format	Color
Hex	7FA791
RGB	127, 167, 145
RGB Percent	50%, 65%, 57%
CMY	0.5031, 0.3463, 0.4326
CMYK	0.24, 0.00, 0.13, 0.35
HSL	147°, 18%, 58%
HSV	147°, 24%, 65%
XYZ	27.5567, 34.0472, 31.7851
YIQ	152.5320, -16.7780, -15.3220

Conversions

Conversions Part 2

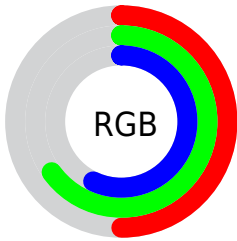
Format	Color
RYB	127, 155, 167
Decimal	8365969
CIELab	65.00, -18.21, 6.98
CIELCh	65, 19.503, 159.024
Yxy	34.0472, 0.2951, 0.3646
Android (android.graphics.Color)	4286556049 (0xFF7FA791)
YUV	152.5320, -3.7133, -22.3916
Hunter-Lab	58.3500, -17.8131, 8.5478

Details

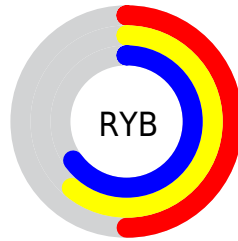
The CIELCh color $65, 19.503, 159.024$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $58, 19.954, 343.045$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 19.408, 159.587$, and $45, 19.373, 159.367$ is the 20% darker color. If you saturate the color by 10%, you get $64, 27.471, 157.981$, and if you desaturate by 10%, it is $66, 11.391, 159.955$.

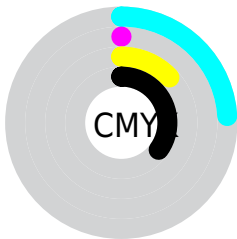
Distribution



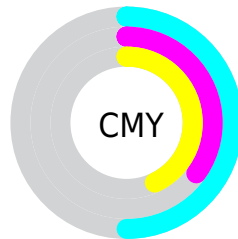
- Red (50%)
- Green (65%)
- Blue (57%)



- Red (50%)
- Yellow (61%)
- Blue (65%)



- Cyan (24%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)





- Cyan (50%)
- Magenta (35%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 19.503, 159.024 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 19.503, 159.024 by changing the saturation by 10% instead.


 65, 19.503,
159.024


 65, 19.503,
159.024


 100, 19.503,
159.024


 55, 19.503,
159.024


 85, 19.503,
159.024

 45, 19.503,
159.024

 95, 19.503,
159.024

 35, 19.503,
159.024

 25, 19.503,
159.024

 15, 19.503,
159.024

 5, 19.503, 159.024

 0, 19.503, 159.024

■ 65, 19.503,
159.024

■ 65, 19.503,
159.024

■ 64, 27.471,
157.981

■ 66, 11.391,
159.955

■ 63, 35.166,
156.805

■ 68, 3.239, 160.854

■ 69, 4.866, 341.421

■ 62, 42.454,
155.469

■ 71, 12.856,
342.138

■ 61, 49.199,
153.952

■ 73, 20.683,
342.764

■ 61, 55.290,
152.236

■ 75, 28.317,
343.337

■ 60, 60.650,
150.317

■ 77, 35.736,
343.865

■ 60, 65.263,
148.212

■ 78, 41.584,
342.538

■ 60, 67.799,

146.960

 79, 44.508,
337.518

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 19.503, 159.024



58, 19.954, 343.045

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 19.503, 159.024



65, 19.503, 209.024



65, 19.503, 339.024



65, 19.503, 29.024

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 19.504, 159.023



85, 7.046, 160.559



66, 23.098, 126.178



45, 4.616, 160.509



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 19.504, 159.023



82, 29.115, 158.461



66, 14.320, 193.726



35, 4.640, 160.368



54, 61.778, 147.203



5, 8.860, 158.052

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58, 19.954, 343.045



70, 29.927, 343.583



57, 16.511, 17.299



33, 4.686, 341.737



32, 57.273, 356.634



2, 8.038, 345.017

Previews

White Background



This preview shows how the CIELCh color 65, 19.503, 159.024 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 19.503, 159.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

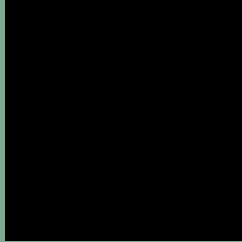
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 19.503, 159.024

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.503, 159.024.

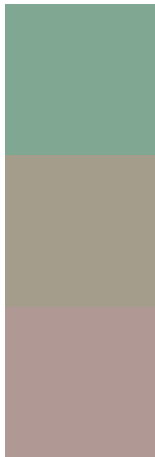


This preview shows how white text looks on a background with the CIELCh color 65, 19.503, 159.024.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
65, 19.503, 159.024

Protanopia
65, 9.811, 92.540

Deuteranopia
65, 9.819, 33.202



Tritanopia
65, 12.263, 235.019

Trichromacy



Original Color
65, 19.503, 159.024

Protanomaly
65, 11.395, 131.294

Deuteranomaly
65, 5.551, 105.525

Tritanomaly
65, 11.874, 198.408

Monochromacy



Original Color
65, 19.503, 159.024

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 7.017, 159.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.503, 159.024 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(127, 167, 145)` looks like.

```
.text, #text, p{  
    color:rgb(127, 167, 145)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(127, 167, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 167, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.503, 159.024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 167, 145) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(127, 167, 145) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(127, 167, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 167, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 167, 145);  
box-shadow:4px 4px 4px 4px rgb(127, 167,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.503, 159.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 167, 145) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(127,  
167, 145) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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