

Converting Colors

CIELCh(65, 23.712, 148.913)

Have a look what the booklet for
CIELCh(65, 23.712, 148.913)
contains.

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Color

CIELCh(65, 23.575, 148.832)

Conversions

Conversions Part 1

Format	Color
Hex	7FA787
RGB	127, 167, 135
RGB Percent	50%, 65%, 53%
CMY	0.5008, 0.3438, 0.4694
CMYK	0.24, 0.00, 0.19, 0.34
HSL	132°, 19%, 58%
HSV	132°, 24%, 66%
XYZ	27.0696, 34.0472, 28.1793
YIQ	151.3920, -13.5680, -18.4320

Conversions

Conversions Part 2

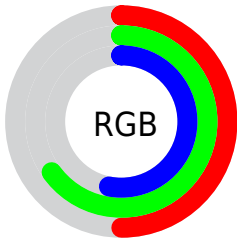
Format	Color
RYB	127, 160, 167
Decimal	8365959
CIELab	65.00, -20.17, 12.20
CIELCh	65, 23.575, 148.832
Yxy	34.0472, 0.3031, 0.3813
Android (android.graphics.Color)	4286556039 (0xFF7FA787)
YUV	151.3920, -8.0813, -21.3918
Hunter-Lab	58.3500, -19.3032, 12.2117

Details

The CIELCh color **65, 23.575, 148.832** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **58, 23.676, 332.013**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 23.625, 148.893**, and **45, 23.748, 148.470** is the 20% darker color. If you saturate the color by 10%, you get **64, 33.363, 147.918**, and if you desaturate by 10%, it is **66, 13.686, 149.626**.

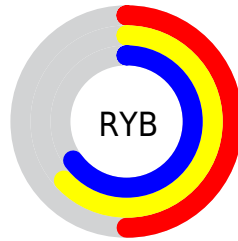
Distribution



Red (50%)

Green (65%)

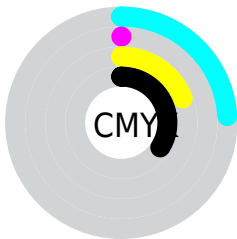
Blue (53%)



Red (50%)

Yellow (63%)

Blue (65%)

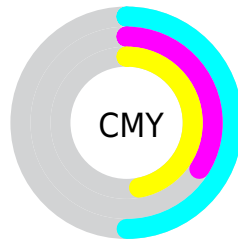


Cyan (24%)

Magenta (0%)

Yellow (19%)

Black (34%)



Cyan (50%)


Magenta (34%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 23.575, 148.832 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, 23.575, 148.832 by changing the saturation by 10% instead.


 65, 23.575,
148.832


 65, 23.575,
148.832


 100, 23.575,
148.832


 55, 23.575,
148.832


 85, 23.575,
148.832

 45, 23.575,
148.832

 95, 23.575,
148.832

 35, 23.575,
148.832

 25, 23.575,
148.832

 15, 23.575,
148.832

 5, 23.575, 148.832

 0, 23.575, 148.832

65, 23.575,
148.832

65, 23.575,
148.832

64, 33.363,
147.918

66, 13.686,
149.626

63, 42.880,
146.865

68, 3.823, 150.355

62, 51.936,
145.657

70, 5.910, 330.827

61, 60.319,
144.292

72, 15.442,
331.368

61, 67.815,
142.784

73, 24.725,
331.823

60, 74.222,
141.177

76, 33.729,
332.222


60, 79.370,
139.554

78, 42.441,
332.574

60, 81.930,

79, 49.667,
330.751

138.687

 80, 54.732,
326.310

Harmonies

Complementary

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



65, 23.575, 148.832



58, 23.676, 332.013

Rectangle

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



65, 23.575, 148.832



65, 23.575, 198.832



65, 23.575, 328.832



65, 23.575, 18.832

Sweetspot

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



65, 23.576, 148.832



85, 8.465, 150.116



67, 22.048, 115.694



45, 5.547, 150.076



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, 23.576, 148.832



81, 35.272, 148.336



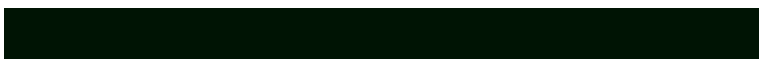
65, 16.403, 172.562



35, 5.578, 149.962



53, 74.520, 138.863



5, 10.353, 149.574

Inverse Universe

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



58, 23.676, 332.013



71, 35.425, 332.385



57, 17.496, 357.255



33, 5.596, 331.063



33, 66.104, 337.941



2, 9.712, 332.757

Previews

White Background



This preview shows how the CIELCh color 65, 23.575, 148.832 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, 23.575, 148.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

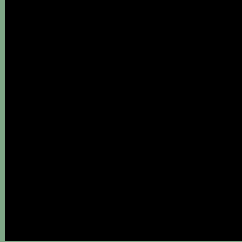
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 23.575, 148.832

Background



This preview shows how black text looks on a background with the CIELCh color 65, 23.575, 148.832.

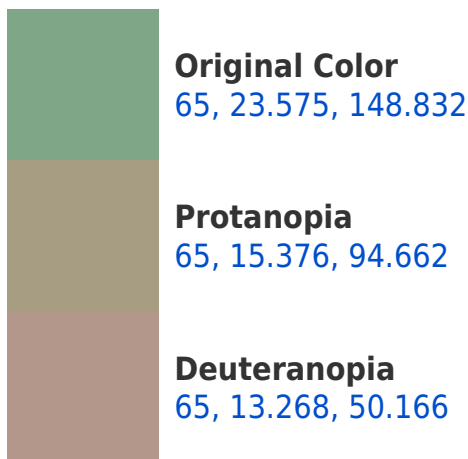


This preview shows how white text looks on a background with the CIELCh color 65, 23.575, 148.832.

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





Tritanopia
65, 11.999, 235.966

Trichromacy



Original Color
65, 23.575, 148.832

Protanomaly
65, 16.414, 121.192

Deuteranomaly
65, 10.583, 102.510

Tritanomaly
65, 11.794, 190.237

Monochromacy



Original Color
65, 23.575, 148.832

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 8.889, 149.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 23.575, 148.832 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(127, 167, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 167, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 23.575, 148.832 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, 135) }
```

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

```
.border{ border-color:rgb(127, 167, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 167, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 167, 135);  
box-shadow:4px 4px 4px 4px rgb(127, 167,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 23.575, 148.832 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, 135) }
```

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

```
.background{ background-color: rgb(127,  
167, 135) }
```

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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