

Converting Colors

CIELCh(65, 10.748, 183.443)

Have a look what the booklet for
CIELCh(65, 10.748, 183.443)
contains.

CIELCh(65, 10.747, 183.448)	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, 10.747, 183.448)

Conversions

Conversions Part 1

Format	Color
Hex	87A39E
RGB	135, 163, 158
RGB Percent	53%, 64%, 62%
CMY	0.4687, 0.3588, 0.3785
CMYK	0.17, 0.00, 0.03, 0.36
HSL	169°, 13%, 59%
HSV	169°, 17%, 64%
XYZ	29.4686, 34.0472, 37.5887
YIQ	154.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

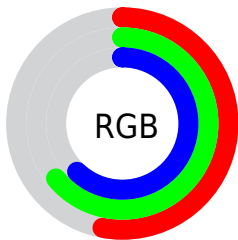
Format	Color
RYB	135, 150, 163
Decimal	8889246
CIELab	65.00, -10.73, -0.65
CIELCh	65, 10.747, 183.448
Yxy	34.0472, 0.2915, 0.3368
Android (android.graphics.Color)	4287079326 (0xFF87A39E)
YUV	154.0580, 1.9434, -16.7139
Hunter-Lab	58.3500, -11.9642, 2.6507

Details

The CIELCh color $65, 10.747, 183.448$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $59, 11.546, 6.504$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 10.579, 184.267$, and $45, 10.460, 184.948$ is the 20% darker color. If you saturate the color by 10%, you get $64, 16.674, 182.506$, and if you desaturate by 10%, it is $66, 4.543, 184.379$.

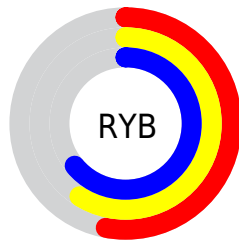
Distribution



Red (53%)

Green (64%)

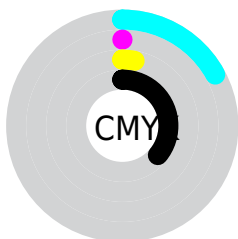
Blue (62%)



Red (53%)

Yellow (59%)

Blue (64%)

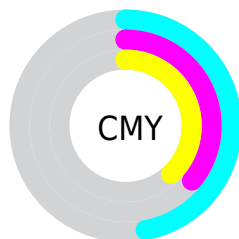


Cyan (17%)

Magenta (0%)

Yellow (3%)

Black (36%)



Cyan (47%)


Magenta (36%)


Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 10.747, 183.448 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, 10.747, 183.448 by changing the saturation by 10% instead.

 65, 10.747,
183.448


 65, 10.747,
183.448

 100, 10.747,
183.448


 55, 10.747,
183.448


 85, 10.747,
183.448

 45, 10.747,
183.448

 95, 10.747,
183.448

 35, 10.747,
183.448

 25, 10.747,
183.448

 15, 10.747,
183.448

 5, 10.747, 183.448

 0, 10.747, 183.448

65, 10.747,
183.448

65, 10.747,
183.448

64, 16.674,
182.506

66, 4.543, 184.379

63, 22.221,
181.526

68, 1.849, 4.887

69, 8.350, 5.890

62, 27.285,
180.485

71, 14.896, 6.705

61, 31.767,
179.365

72, 21.437, 7.481

74, 27.934, 8.230

61, 35.585,
178.144

76, 34.358, 8.956

61, 38.691,
176.802

77, 36.442, 7.511

77, 36.660, 5.120

60, 41.079,
175.318

60, 42.837,

173.694

■ 60, 43.305,
173.234

Harmonies

Complementary

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



65, 10.747, 183.448



59, 11.546, 6.504

Rectangle

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



65, 10.747, 183.448



65, 10.747, 233.448



65, 10.747, 3.448



65, 10.747, 53.448

Sweetspot

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



65, 10.748, 183.442



84, 3.937, 184.593



65, 17.970, 138.485



45, 2.706, 184.520



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 10.748, 183.442



82, 16.122, 183.048



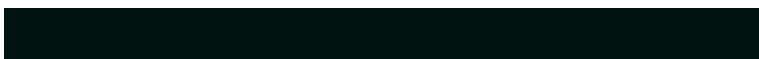
63, 8.427, 235.188



34, 3.587, 184.172



54, 39.639, 173.419



4, 5.767, 181.482

Inverse Universe

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



59, 11.546, 6.504



73, 17.650, 7.000



61, 9.236, 52.398



32, 3.726, 5.655



30, 61.369, 29.892



1, 5.630, 6.199

Previews

White Background



This preview shows how the CIELCh color 65, 10.747, 183.448 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, 10.747, 183.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

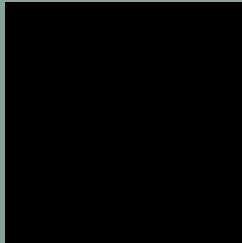
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

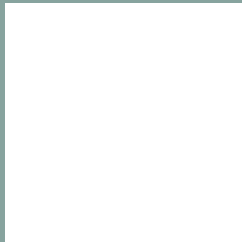
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 10.747, 183.448

Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.747, 183.448.

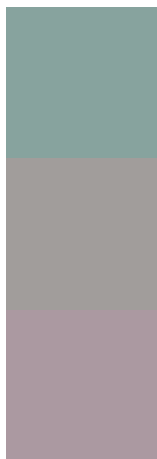


This preview shows how white text looks on a background with the CIELCh color 65, 10.747, 183.448.

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](#).

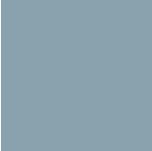
Dichromacy



Original Color
65, 10.747, 183.448

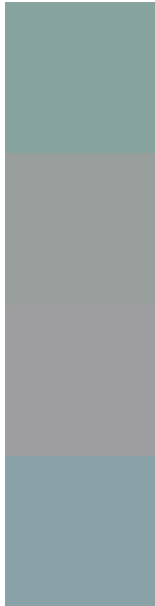
Protanopia
65, 1.888, 55.189

Deuteranopia
65, 8.245, 347.627



Tritanopia
65, 10.725, 241.458

Trichromacy



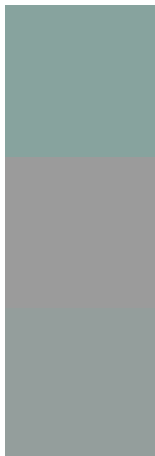
Original Color
65, 10.747, 183.448

Protanomaly
65, 3.158, 167.432

Deuteranomaly
65, 1.722, 303.117

Tritanomaly
65, 9.503, 219.357

Monochromacy



Original Color
65, 10.747, 183.448

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.958, 182.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 10.747, 183.448 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(135, 163, 158)` looks like.

```
.text, #text, p{  
    color:rgb(135, 163, 158)  
}
```

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(135, 163, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 163, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.747, 183.448 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(135, 163, 158) }
```

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

```
.border{ border-color:rgb(135, 163, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 163, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 163, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 163, 158);  
box-shadow:4px 4px 4px 4px rgb(135, 163,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.747, 183.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 163, 158) }
```

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

```
.background{ background-color: rgb(135,  
163, 158) }
```

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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