

Converting Colors

CIELCh(65, 16.112, 218.545)

Have a look what the booklet for
CIELCh(65, 16.112, 218.545)
contains.

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Color

CIELCh(65, 16.112, 218.545)

Conversions

Conversions Part 1

Format	Color
Hex	78A5AF
RGB	120, 165, 175
RGB Percent	47%, 65%, 69%
CMY	0.5290, 0.3525, 0.3133
CMYK	0.31, 0.06, 0.00, 0.31
HSL	191°, 26%, 58%
HSV	191°, 31%, 69%
XYZ	28.9818, 34.0472, 45.6554
YIQ	152.6850, -30.0300, -6.4300

Conversions

Conversions Part 2

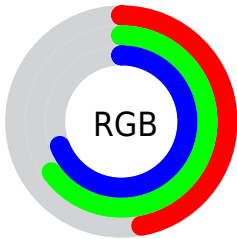
Format	Color
RYB	120, 145, 175
Decimal	7906735
CIELab	65.00, -12.60, -10.04
CIElCh	65, 16.112, 218.545
Yxy	34.0472, 0.2667, 0.3133
Android (android.graphics.Color)	4286096815 (0xFF78A5AF)
YUV	152.6850, 11.0013, -28.6647
Hunter-Lab	58.3500, -13.4535, -5.5460

Details

The CIELCh color **65, 16.112, 218.545** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 20.038, 37.438**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 16.124, 219.616**, and **45, 16.073, 219.865** is the 20% darker color. If you saturate the color by 10%, you get **63, 20.375, 219.289**, and if you desaturate by 10%, it is **67, 11.372, 218.021**.

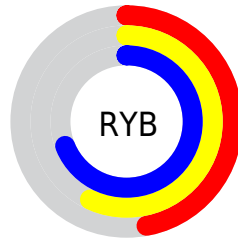
Distribution



Red (47%)

Green (65%)

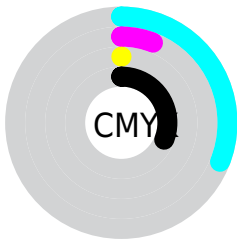
Blue (69%)



Red (47%)

Yellow (57%)

Blue (69%)

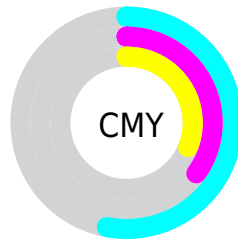


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (31%)



Cyan (53%)


Magenta (35%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 16.112, 218.545 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, 16.112, 218.545 by changing the saturation by 10% instead.


 65, 16.112,
218.545


 65, 16.112,
218.545


 100, 16.112,
218.545


 55, 16.112,
218.545


 85, 16.112,
218.545

 45, 16.112,
218.545


 95, 16.112,
218.545

 35, 16.112,
218.545

 25, 16.112,
218.545

 15, 16.112,
218.545

 5, 16.112, 218.545

 0, 16.112, 218.545

65, 16.112,
218.545

65, 16.112,
218.545

63, 20.375,
219.289

67, 11.372,
218.021

61, 24.077,
220.320

69, 6.238, 217.702

60, 27.148,
221.696

71, 0.791, 218.032

73, 4.900, 37.195

58, 29.540,
223.490

76, 10.773, 37.224

57, 31.247,
225.779

78, 16.779, 37.278

81, 22.875, 37.371

56, 32.319,
228.629

83, 27.001, 38.611

55, 32.914,
231.432

83, 26.410, 42.632

Harmonies

Complementary

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



65, 16.112, 218.545



58, 20.038, 37.438

Rectangle

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



65, 16.112, 218.545



65, 16.112, 268.545



65, 16.112, 38.545



65, 16.112, 88.545

Sweetspot

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



65, 16.112, 218.541



88, 6.111, 217.661



67, 32.888, 147.058



47, 4.265, 217.685



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 16.112, 218.541



81, 23.370, 219.057



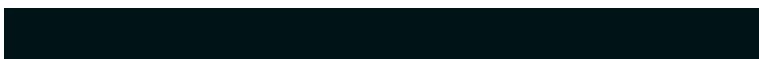
57, 21.556, 275.957



36, 3.087, 217.663



48, 29.420, 230.956



5, 6.469, 225.400

Inverse Universe

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



57, 32.639, 331.855



69, 48.512, 332.334



65, 21.702, 87.128



34, 5.810, 330.433



34, 67.822, 336.900



2, 11.625, 332.327

Previews

White Background



This preview shows how the CIELCh color 65, 16.112, 218.545 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, 16.112, 218.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

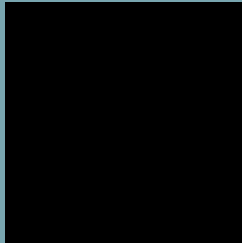
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

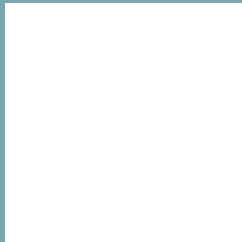
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 16.112, 218.545

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.112, 218.545.

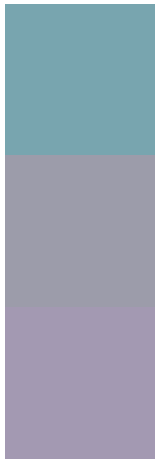


This preview shows how white text looks on a background with the CIELCh color 65, 16.112, 218.545.

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, 16.112, 218.545

Protanopia
65, 7.796, 291.010

Deuteranopia
65, 14.457, 306.216



Tritanopia
65, 16.300, 224.790

Trichromacy



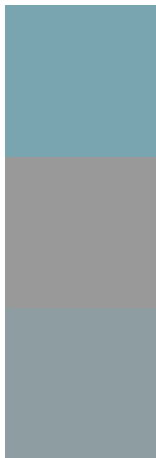
Original Color
65, 16.112, 218.545

Protanomaly
65, 9.117, 251.832

Deuteranomaly
65, 11.604, 273.459

Tritanomaly
65, 16.124, 222.881

Monochromacy



Original Color
65, 16.112, 218.545

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 6.264, 219.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 16.112, 218.545 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(120, 165, 175)` looks like.

```
.text, #text, p{  
    color:rgb(120, 165, 175)  
}
```

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(120, 165, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 165, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.112, 218.545 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(120, 165, 175) }
```

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

```
.border{ border-color:rgb(120, 165, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 165, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 165, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 165, 175);  
box-shadow:4px 4px 4px 4px rgb(120, 165,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.112, 218.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 165, 175) }
```

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

```
.background{ background-color: rgb(120,  
165, 175) }
```

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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