

Converting Colors

CIELCh(65, 15.840, 203.333)

Have a look what the booklet for
CIELCh(65, 15.840, 203.333)
contains.

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Color

CIELCh(65, 16.003, 202.087)

Conversions

Conversions Part 1	
Format	Color
Hex	78A6A8
RGB	120, 166, 168
RGB Percent	47%, 65%, 66%
CMY	0.5298, 0.3494, 0.3416
CMYK	0.29, 0.01, 0.00, 0.34
HSL	182°, 22%, 56%
HSV	182°, 29%, 66%
XYZ	28.4102, 34.0472, 42.0730
YIQ	152.4740, -28.0580, -9.1300

Conversions

Conversions Part 2

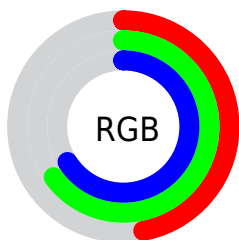
Format	Color
RYB	120, 143, 168
Decimal	7906984
CIELab	65.00, -14.83, -6.02
CIELCh	65, 16.003, 202.087
Yxy	34.0472, 0.2718, 0.3257
Android (android.graphics.Color)	4286097064 (0xFF78A6A8)
YUV	152.4740, 7.6543, -28.4797
Hunter-Lab	58.3500, -15.2021, -1.9058

Details

The CIELCh color **65, 16.003, 202.087** is a light color, and the websafe version is hex **669999**. A complement of this color would be **56, 19.451, 24.850**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 15.853, 202.176**, and **45, 16.024, 201.965** is the 20% darker color. If you saturate the color by 10%, you get **64, 20.727, 201.874**, and if you desaturate by 10%, it is **66, 10.767, 202.379**.

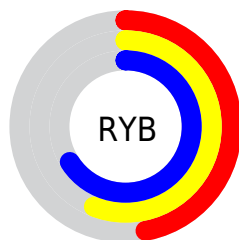
Distribution



Red (47%)

Green (65%)

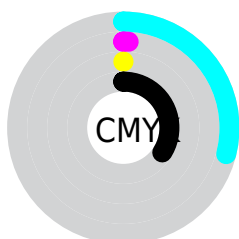
Blue (66%)



Red (47%)

Yellow (56%)

Blue (66%)

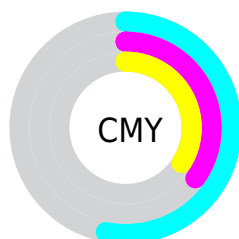


Cyan (29%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (53%)


Magenta (35%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 16.003, 202.087 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, 16.003, 202.087 by changing the saturation by 10% instead.


 65, 16.003,
202.087


 65, 16.003,
202.087


 100, 16.003,
202.087


 55, 16.003,
202.087


 85, 16.003,
202.087

 45, 16.003,
202.087

 95, 16.003,
202.087

 35, 16.003,
202.087

 25, 16.003,
202.087

 15, 16.003,
202.087

 5, 16.003, 202.087

 0, 16.003, 202.087

■ 65, 16.003,
202.087

■ 65, 16.003,
202.087

■ 64, 20.727,
201.874

■ 66, 10.767,
202.379

■ 63, 24.846,
201.762

■ 68, 5.115, 202.777

■ 69, 0.863, 22.517

■ 62, 28.277,
201.761

■ 71, 7.083, 23.456

■ 61, 30.962,
201.883

■ 72, 13.476, 23.961

■ 61, 32.875,
202.141

■ 74, 19.982, 24.468

■ 76, 26.554, 24.984

■ 61, 34.038,
202.544

■ 78, 33.153, 25.504

■ 60, 34.588,
203.078

■ 78, 33.232, 26.113

■ 60, 34.654,

Harmonies

Complementary

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



65, 16.003, 202.087



56, 19.451, 24.850

Rectangle

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



65, 16.003, 202.087



65, 16.003, 252.087



65, 16.003, 22.087



65, 16.003, 72.087

Sweetspot

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



65, 16.003, 202.083



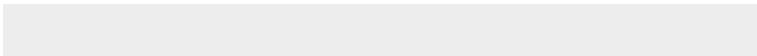
86, 6.653, 202.749



64, 31.797, 143.390



45, 4.600, 202.686



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, 16.003, 202.083



82, 23.092, 201.946



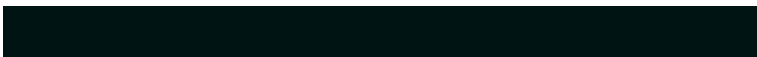
58, 16.213, 263.344



35, 3.372, 202.744



53, 31.587, 203.081



5, 6.207, 204.562

Inverse Universe

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



57, 31.626, 327.135



70, 46.598, 327.461



62, 17.236, 75.341



33, 6.250, 326.059



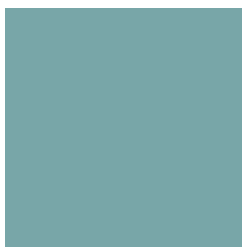
34, 74.564, 329.928



2, 11.218, 326.038

Previews

White Background



This preview shows how the CIELCh color 65, 16.003, 202.087 looks on a white background.

Color Contrast Check

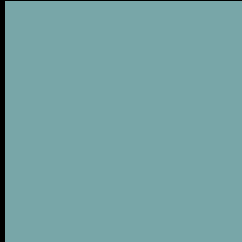
Large Text (above 18pt) WCAG AA × Fail

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, 16.003, 202.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

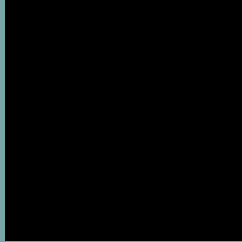
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

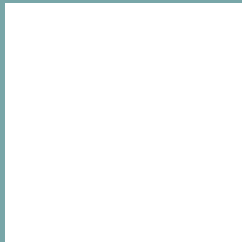
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 16.003, 202.087

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.003, 202.087.

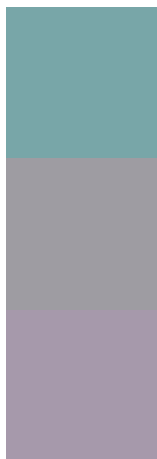


This preview shows how white text looks on a background with the CIELCh color 65, 16.003, 202.087.

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, 16.003, 202.087

Protanopia

65, 3.439, 303.229

Deuteranopia

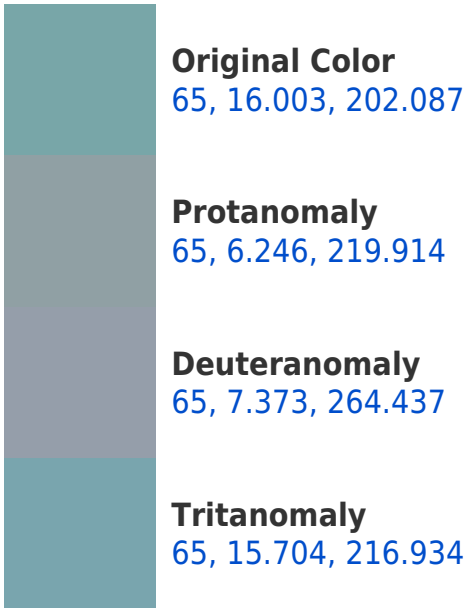
65, 11.189, 316.855



Tritanopia

65, 15.967, 227.746

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 16.003, 202.087 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, 166, 168)` looks like.

```
.text, #text, p{  
    color:rgb(120, 166, 168)  
}
```

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, 166, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 166, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.003, 202.087 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, 166, 168) }
```

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

```
.border{ border-color:rgb(120, 166, 168) }
```

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

Here you see how a box with a 4 pixel rgb(120, 166, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 166, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 166, 168);  
box-shadow:4px 4px 4px 4px rgb(120, 166,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.003, 202.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 166, 168) }
```

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

```
.background{ background-color: rgb(120,  
166, 168) }
```

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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