

Converting Colors

CIELCh(65, 16.498, 260.023)

Have a look what the booklet for
CIELCh(65, 16.498, 260.023)
contains.

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Color

CIELCh(65, 16.196, 258.485)

Conversions

Conversions Part 1

Format	Color
Hex	87A1BA
RGB	135, 161, 186
RGB Percent	53%, 63%, 73%
CMY	0.4717, 0.3698, 0.2718
CMYK	0.27, 0.13, 0.00, 0.27
HSL	209°, 27%, 63%
HSV	209°, 27%, 73%
XYZ	31.4701, 34.0472, 51.2003
YIQ	156.0760, -23.5210, 2.2630

Conversions

Conversions Part 2

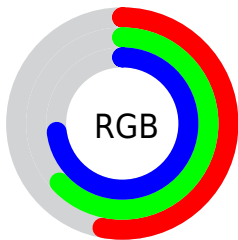
Format	Color
RYB	135, 152, 186
Decimal	8888762
CIELab	65.00, -3.23, -15.87
CIELCh	65, 16.196, 258.485
Yxy	34.0472, 0.2696, 0.2917
Android (android.graphics.Color)	4287078842 (0xFF87A1BA)
YUV	156.0760, 14.7525, -18.4837
Hunter-Lab	58.3500, -5.8413, -11.1802

Details

The CIELCh color $65, 16.196, 258.485$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $67, 17.527, 70.999$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 16.087, 257.603$, and $45, 16.094, 257.781$ is the 20% darker color. If you saturate the color by 10%, you get $61, 21.909, 260.536$, and if you desaturate by 10%, it is $69, 10.370, 256.764$.

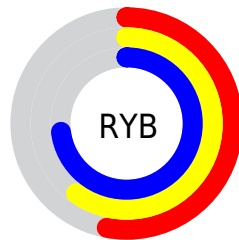
Distribution



Red (53%)

Green (63%)

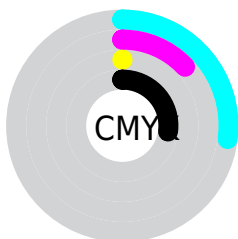
Blue (73%)



Red (53%)

Yellow (60%)

Blue (73%)

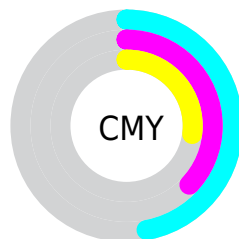


Cyan (27%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (47%)


Magenta (37%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 16.196, 258.485 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, 16.196, 258.485 by changing the saturation by 10% instead.


 65, 16.196,
258.485


 65, 16.196,
258.485


 100, 16.196,
258.485


 55, 16.196,
258.485


 85, 16.196,
258.485

 45, 16.196,
258.485

 95, 16.196,
258.485

 35, 16.196,
258.485

 25, 16.196,
258.485

 15, 16.196,
258.485

 5, 16.196, 258.485

 0, 16.196, 258.485

65, 16.196,
258.485

65, 16.196,
258.485

61, 21.909,
260.536

69, 10.370,
256.764

58, 27.496,
262.985

73, 4.457, 255.354

76, 1.517, 73.808

54, 32.952,
265.885

80, 7.529, 72.947

51, 38.300,
269.278

84, 13.558, 72.069

47, 43.594,
273.162

88, 19.585, 71.301

91, 23.353, 77.940

44, 48.919,
277.469

93, 25.924, 89.471

41, 54.376,
282.006

95, 29.338, 98.521

41, 55.807,

Harmonies

Complementary

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



65, 16.196, 258.485



67, 17.527, 70.999

Rectangle

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



65, 16.196, 258.485



65, 16.196, 308.485



65, 16.196, 78.485



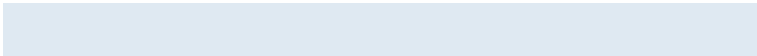
65, 16.196, 128.485

Sweetspot

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



65, 16.195, 258.481



92, 5.932, 255.438



71, 23.711, 160.307



49, 4.246, 255.634



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 16.195, 258.481



80, 24.038, 259.690



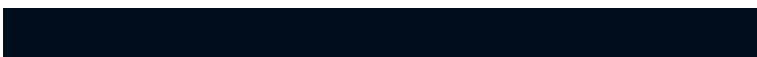
58, 28.525, 292.815



37, 3.351, 255.592



34, 48.312, 282.421



4, 10.119, 266.544

Inverse Universe

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



62, 24.355, 345.581



76, 36.385, 346.245



74, 26.785, 106.840



36, 4.901, 343.840



33, 58.761, 0.459



3, 12.277, 350.221

Previews

White Background



This preview shows how the CIELCh color 65, 16.196, 258.485 looks on a white background.

Color Contrast Check

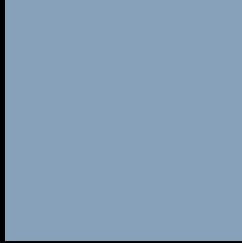
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 16.196, 258.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

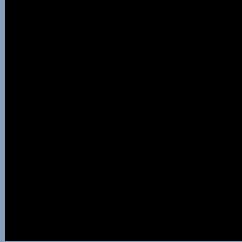
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

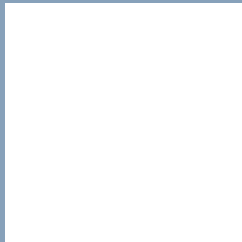
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 16.196, 258.485

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.196, 258.485.



This preview shows how white text looks on a background with the CIELCh color 65, 16.196, 258.485.

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, 16.196, 258.485

Protanopia

65, 15.040, 287.710

Deuteranopia

65, 18.465, 296.479



Tritanopia
65, 12.263, 235.019

Trichromacy



Original Color
65, 16.196, 258.485

Protanomaly
65, 14.936, 275.404

Deuteranomaly
65, 17.327, 285.064

Tritanomaly
65, 13.310, 244.285

Monochromacy



Original Color
65, 16.196, 258.485

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 6.145, 254.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 16.196, 258.485 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, 161, 186)` looks like.

```
.text, #text, p{  
    color:rgb(135, 161, 186)  
}
```

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, 161, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 161, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.196, 258.485 is called "border". The border property can be set on classes, ids or directly on the HTML element.

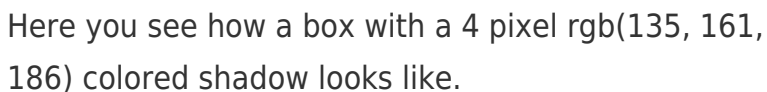
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 161, 186) }
```

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

```
.border{ border-color:rgb(135, 161, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 161, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 161, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 161, 186); box-shadow:4px 4px 4px 4px rgb(135, 161, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.196, 258.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 161, 186) }
```

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

```
.background{ background-color: rgb(135,  
161, 186) }
```

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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