

Converting Colors

CIELCh(65, 11.107, 181.749)

Have a look what the booklet for
CIELCh(65, 11.107, 181.749)
contains.

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Color

CIELCh(65, 11.265, 181.183)

Conversions

Conversions Part 1

Format	Color
Hex	87A49E
RGB	135, 164, 158
RGB Percent	53%, 64%, 62%
CMY	0.4716, 0.3579, 0.3814
CMYK	0.18, 0.00, 0.04, 0.36
HSL	168°, 14%, 59%
HSV	168°, 18%, 64%
XYZ	29.3290, 34.0472, 37.2571
YIQ	154.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

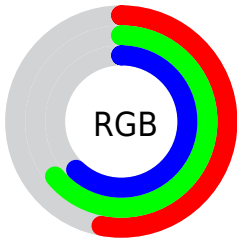
Format	Color
RYB	135, 151, 164
Decimal	8889502
CIELab	65.00, -11.26, -0.23
CIElCh	65, 11.265, 181.183
Yxy	34.0472, 0.2914, 0.3383
Android (android.graphics.Color)	4287079582 (0xFF87A49E)
YUV	154.6450, 1.6540, -17.2287
Hunter-Lab	58.3500, -12.3911, 2.9876

Details

The CIELCh color **65, 11.265, 181.183** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 12.061, 4.430**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 11.068, 182.067**, and **45, 10.998, 182.354** is the 20% darker color. If you saturate the color by 10%, you get **64, 17.297, 180.204**, and if you desaturate by 10%, it is **66, 4.971, 182.137**.

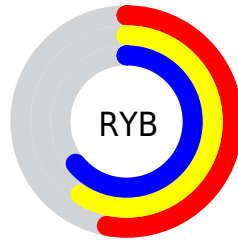
Distribution



Red (53%)

Green (64%)

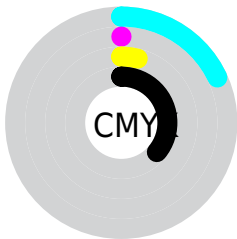
Blue (62%)



Red (53%)

Yellow (59%)

Blue (64%)

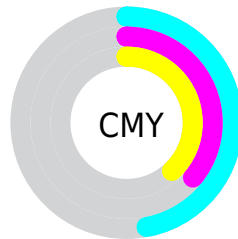


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (47%)


Magenta (36%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 11.265, 181.183 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, 11.265, 181.183 by changing the saturation by 10% instead.


 65, 11.265,
181.183


 65, 11.265,
181.183


 100, 11.265,
181.183


 55, 11.265,
181.183


 85, 11.265,
181.183

 45, 11.265,
181.183

 95, 11.265,
181.183

 35, 11.265,
181.183

 25, 11.265,
181.183

 15, 11.265,
181.183

 5, 11.265, 181.183

 0, 11.265, 181.183

65, 11.265,
181.183

65, 11.265,
181.183

64, 17.297,
180.204

66, 4.971, 182.137

63, 22.962,
179.174

68, 1.497, 2.625

69, 8.061, 3.695

62, 28.155,
178.070

71, 14.655, 4.521

61, 32.776,
176.871

72, 21.231, 5.303

74, 27.750, 6.056

61, 36.742,
175.556

76, 34.185, 6.783

60, 40.004,
174.102

77, 36.547, 5.205

77, 36.885, 2.469

60, 42.555,
172.489

60, 44.498,

170.731

■ 60, 44.921,
170.335

Harmonies

Complementary

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



65, 11.265, 181.183



59, 12.061, 4.430

Rectangle

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



65, 11.265, 181.183



65, 11.265, 231.183



65, 11.265, 1.183



65, 11.265, 51.183

Sweetspot

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



65, 11.266, 181.178



84, 3.984, 182.413



65, 18.404, 137.486



45, 2.738, 182.339



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, 11.266, 181.178



82, 16.361, 180.825



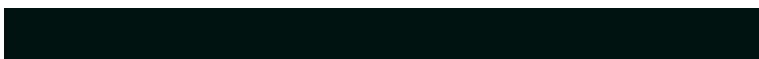
63, 8.707, 230.859



34, 3.632, 181.984



54, 41.056, 170.538



4, 5.855, 179.098

Inverse Universe

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



59, 12.061, 4.430



73, 17.781, 4.864



61, 9.640, 48.490



32, 3.762, 3.506



30, 60.280, 27.769



1, 5.682, 4.209

Previews

White Background



This preview shows how the CIELCh color 65, 11.265, 181.183 looks on a white background.

Color Contrast Check

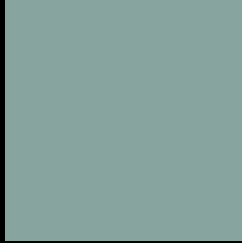
Large Text (above 18pt) WCAG AA × Fail

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, 11.265, 181.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

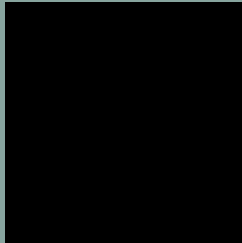
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

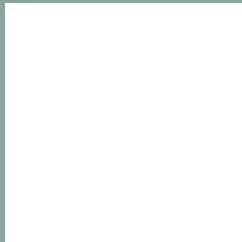
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 11.265, 181.183

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.265, 181.183.

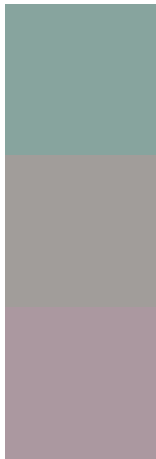


This preview shows how white text looks on a background with the CIELCh color 65, 11.265, 181.183.

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](#).

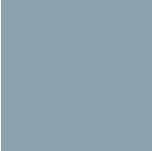
Dichromacy



Original Color
65, 11.265, 181.183

Protanopia
65, 2.256, 66.690

Deuteranopia
65, 8.584, 349.080



Tritanopia
65, 10.725, 241.458

Trichromacy



Original Color
65, 11.265, 181.183

Protanomaly
65, 3.793, 163.338

Deuteranomaly
65, 1.850, 314.667

Tritanomaly
65, 9.503, 219.357

Monochromacy



Original Color
65, 11.265, 181.183

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.511, 177.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.265, 181.183 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, 164, 158)` looks like.

```
.text, #text, p{  
    color:rgb(135, 164, 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, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 164, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.265, 181.183 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, 164, 158) }
```

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

```
.border{ border-color:rgb(135, 164, 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, 164, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(135, 164,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.265, 181.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 164, 158) }
```

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

```
.background{ background-color: rgb(135,  
164, 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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