

Converting Colors

CIELCh(65, 7.926, 185.857)

Have a look what the booklet for
CIELCh(65, 7.926, 185.857) contains.

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Color

CIELCh(65, 8.006, 186.695)

Conversions

Conversions Part 1

Format	Color
Hex	8DA29F
RGB	141, 162, 159
RGB Percent	55%, 64%, 62%
CMY	0.4467, 0.3644, 0.3761
CMYK	0.13, 0.00, 0.02, 0.36
HSL	171°, 10%, 59%
HSV	171°, 13%, 64%
XYZ	30.1998, 34.0472, 37.8199
YIQ	155.3790, -11.5530, -5.3850

Conversions

Conversions Part 2

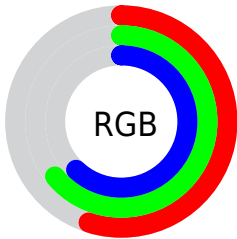
Format	Color
RYB	141, 152, 162
Decimal	9282207
CIELab	65.00, -7.95, -0.93
CIELCh	65, 8.006, 186.695
Yxy	34.0472, 0.2959, 0.3336
Android (android.graphics.Color)	4287472287 (0xFF8DA29F)
YUV	155.3790, 1.7852, -12.6104
Hunter-Lab	58.3500, -9.7274, 2.4158

Details

The CIELCh color $65, 8.006, 186.695$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 8.494, 8.808$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.961, 187.452$, and $45, 7.608, 189.490$ is the 20% darker color. If you saturate the color by 10%, you get $64, 13.898, 185.813$, and if you desaturate by 10%, it is $66, 1.854, 187.697$.

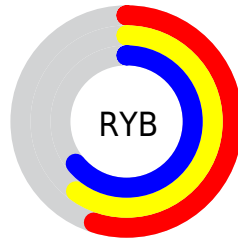
Distribution



Red (55%)

Green (64%)

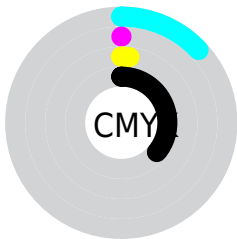
Blue (62%)



Red (55%)

Yellow (60%)

Blue (64%)

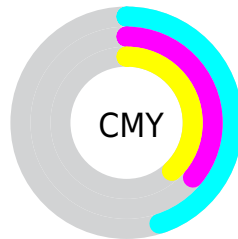


Cyan (13%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.006, 186.695 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, 8.006, 186.695 by changing the saturation by 10% instead.

65, 8.006, 186.695

65, 8.006, 186.695

100, 8.006,
186.695

55, 8.006, 186.695

85, 8.006, 186.695

45, 8.006, 186.695

95, 8.006, 186.695

35, 8.006, 186.695

25, 8.006, 186.695

15, 8.006, 186.695

5, 8.006, 186.695

0, 8.006, 186.695

65, 8.006, 186.695

65, 8.006, 186.695

64, 13.898,

66, 1.854, 187.697

185.813

68, 4.475, 8.155

63, 19.429,
184.922

69, 10.907, 8.995

62, 24.501,
183.992

71, 17.382, 9.774

61, 29.013,
183.011

72, 23.854, 10.526

61, 32.880,
181.961

74, 30.287, 11.258

60, 36.041,
180.822

76, 36.654, 11.970

60, 38.475,
179.575

76, 36.889, 10.142

60, 40.211,
178.201

60, 41.180,
177.198

Harmonies

Complementary

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



65, 8.006, 186.695



61, 8.494, 8.808

Rectangle

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



65, 8.006, 186.695



65, 8.006, 236.695



65, 8.006, 6.695



65, 8.006, 56.695

Sweetspot

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



65, 8.007, 186.687



84, 3.113, 187.539



65, 13.612, 139.665



45, 2.228, 187.453



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, 8.007, 186.687



82, 12.209, 186.394



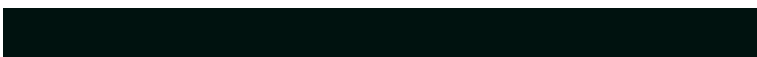
63, 6.414, 239.081



34, 3.537, 187.015



54, 37.958, 177.348



4, 5.669, 184.685

Inverse Universe

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



61, 8.494, 8.808



76, 13.159, 9.165



62, 6.822, 56.631



32, 3.689, 8.429



30, 62.814, 32.356



1, 5.573, 8.765

Previews

White Background



This preview shows how the CIELCh color 65, 8.006, 186.695 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, 8.006, 186.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

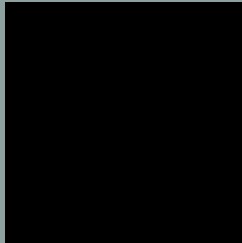
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

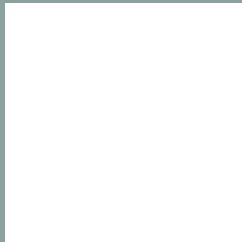
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.006, 186.695

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.006, 186.695.

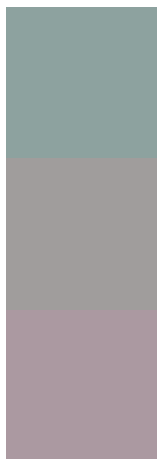


This preview shows how white text looks on a background with the CIELCh color 65, 8.006, 186.695.

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

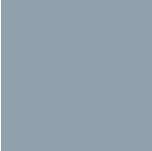
65, 8.006, 186.695

Protanopia

65, 1.271, 44.959

Deuteranopia

65, 8.245, 347.627



Tritanopia
65, 9.108, 251.819

Trichromacy



Original Color
65, 8.006, 186.695

Protanomaly
65, 2.547, 173.513

Deuteranomaly
65, 2.717, 324.496

Tritanomaly
65, 7.526, 230.187

Monochromacy



Original Color
65, 8.006, 186.695

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.246, 179.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.006, 186.695 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(141, 162, 159)` looks like.

```
.text, #text, p{  
    color:rgb(141, 162, 159)  
}
```

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(141, 162, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 162, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.006, 186.695 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(141, 162, 159) }
```

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

```
.border{ border-color:rgb(141, 162, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 162, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 162, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 162, 159);  
box-shadow:4px 4px 4px 4px rgb(141, 162,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.006, 186.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 162, 159) }
```

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

```
.background{ background-color: rgb(141,  
162, 159) }
```

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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