

Converting Colors

CIELCh(65, 26.917, 160.461)

Have a look what the booklet for
CIELCh(65, 26.917, 160.461)
contains.

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Color

CIELCh(65, 26.917, 160.461)

Conversions

Conversions Part 1

Format	Color
Hex	70AA8D
RGB	112, 170, 141
RGB Percent	44%, 67%, 55%
CMY	0.5613, 0.3339, 0.4476
CMYK	0.34, 0.00, 0.17, 0.33
HSL	150°, 25%, 55%
HSV	150°, 34%, 67%
XYZ	25.8073, 34.0472, 30.3547
YIQ	149.3520, -25.2590, -21.3150

Conversions

Conversions Part 2

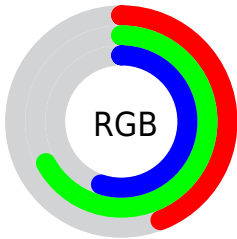
Format	Color
RYB	112, 151, 170
Decimal	7383693
CIELab	65.00, -25.37, 9.00
CIELCh	65, 26.917, 160.461
Yxy	34.0472, 0.2861, 0.3774
Android (android.graphics.Color)	4285573773 (0xFF70AA8D)
YUV	149.3520, -4.1175, -32.7577
Hunter-Lab	58.3500, -23.1647, 10.0012

Details

The CIELCh color **65, 26.917, 160.461** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **54, 28.044, 346.858**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 27.165, 160.755**, and **45, 26.559, 160.877** is the 20% darker color. If you saturate the color by 10%, you get **64, 34.364, 159.259**, and if you desaturate by 10%, it is **66, 19.178, 161.530**.

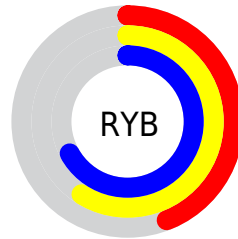
Distribution



Red (44%)

Green (67%)

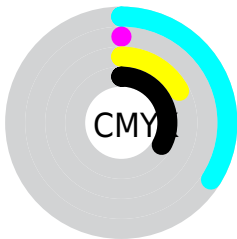
Blue (55%)



Red (44%)

Yellow (59%)

Blue (67%)

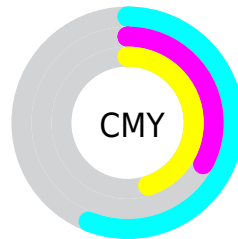


Cyan (34%)

Magenta (0%)

Yellow (17%)

Black (33%)



Cyan (56%)


Magenta (33%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.917, 160.461 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, 26.917, 160.461 by changing the saturation by 10% instead.


 65, 26.917,
160.461


 65, 26.917,
160.461

 100, 26.917,
160.461


 55, 26.917,
160.461


 85, 26.917,
160.461

 45, 26.917,
160.461


 95, 26.917,
160.461

 35, 26.917,
160.461

 25, 26.917,
160.461

 15, 26.917,
160.461

 5, 26.917, 160.461

 0, 26.917, 160.461

■ 65, 26.917,
160.461

■ 65, 26.917,
160.461

■ 64, 34.364,
159.259

■ 66, 19.178,
161.530

■ 63, 41.385,
157.902

■ 67, 11.268,
162.494

■ 62, 47.853,
156.365

■ 69, 3.296, 163.429

■ 62, 53.664,
154.630

■ 70, 4.652, 344.022

■ 61, 58.752,
152.687

■ 72, 12.506,
344.783

■ 61, 63.118,
150.550

■ 74, 20.217,
345.451

■ 61, 65.466,
149.301

■ 76, 27.751,
346.066

■ 78, 35.085,
346.638

■ 79, 39.498,
343.693

Harmonies

Complementary

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



65, 26.917, 160.461



54, 28.044, 346.858

Rectangle

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



65, 26.917, 160.461



65, 26.917, 210.461



65, 26.917, 340.461



65, 26.917, 30.461

Sweetspot

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



65, 26.918, 160.460



87, 9.899, 162.857



66, 33.669, 127.497



46, 6.809, 162.733



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 26.918, 160.460



82, 39.802, 159.560



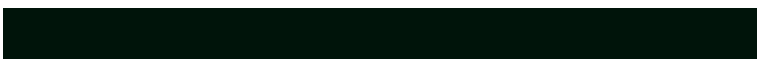
66, 19.702, 197.770



35, 4.474, 162.939



54, 58.794, 149.584



5, 8.590, 160.087

Inverse Universe

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



54, 28.044, 346.858



66, 41.771, 347.780



53, 24.872, 22.374



33, 4.530, 344.368



31, 56.544, 1.185



2, 7.800, 347.583

Previews

White Background



This preview shows how the CIELCh color 65, 26.917, 160.461 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, 26.917, 160.461 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, 26.917, 160.461

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.917, 160.461.

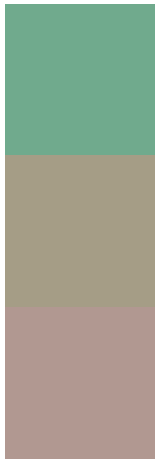


This preview shows how white text looks on a background with the CIELCh color 65, 26.917, 160.461.

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, 26.917, 160.461

Protanopia
65, 13.128, 94.456

Deuteranopia
65, 10.779, 41.200



Tritanopia
65, 16.571, 224.306

Trichromacy



Original Color
65, 26.917, 160.461

Protanomaly
65, 15.741, 132.320

Deuteranomaly
64, 8.558, 122.553

Tritanomaly
65, 17.611, 192.440

Monochromacy



Original Color
65, 26.917, 160.461

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 10.469, 162.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.917, 160.461 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(112, 170, 141)` looks like.

```
.text, #text, p{  
    color:rgb(112, 170, 141)  
}
```

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(112, 170, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 170, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.917, 160.461 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(112, 170, 141) }
```

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

```
.border{ border-color:rgb(112, 170, 141) }
```

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

Here you see how a box with a 4 pixel rgb(112, 170, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 170, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 170, 141);  
box-shadow:4px 4px 4px 4px rgb(112, 170,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.917, 160.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 170, 141) }
```

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

```
.background{ background-color: rgb(112,  
170, 141) }
```

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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