

Converting Colors

CIELCh(65, 10.066, 182.481)

Have a look what the booklet for
CIELCh(65, 10.066, 182.481)
contains.

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Color

CIELCh(65, 10.066, 182.481)

Conversions

Conversions Part 1

Format	Color
Hex	89A39E
RGB	137, 163, 158
RGB Percent	54%, 64%, 62%
CMY	0.4622, 0.3602, 0.3798
CMYK	0.16, 0.00, 0.03, 0.36
HSL	168°, 12%, 59%
HSV	168°, 16%, 64%
XYZ	29.6442, 34.0472, 37.4197
YIQ	154.6560, -13.8910, -7.0670

Conversions

Conversions Part 2

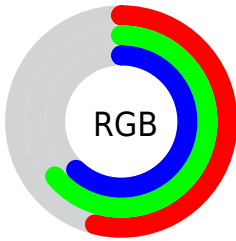
Format	Color
RYB	137, 151, 163
Decimal	9020318
CIELab	65.00, -10.06, -0.44
CIElCh	65, 10.066, 182.481
Yxy	34.0472, 0.2932, 0.3367
Android (android.graphics.Color)	4287210398 (0xFF89A39E)
YUV	154.6560, 1.6486, -15.4843
Hunter-Lab	58.3500, -11.4269, 2.8225

Details

The CIELCh color $65, 10.066, 182.481$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 10.730, 5.326$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 9.920, 183.347$, and $45, 9.750, 184.063$ is the 20% darker color. If you saturate the color by 10%, you get $64, 16.075, 181.525$, and if you desaturate by 10%, it is $66, 3.803, 183.436$.

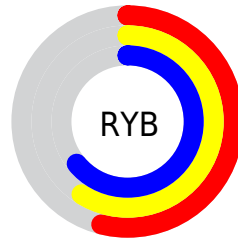
Distribution



Red (54%)

Green (64%)

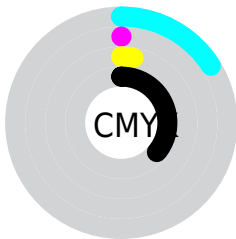
Blue (62%)



Red (54%)

Yellow (59%)

Blue (64%)

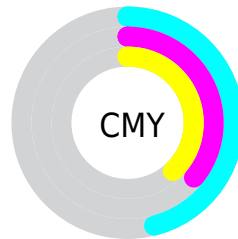


Cyan (16%)

Magenta (0%)

Yellow (3%)

Black (36%)



Cyan (46%)


Magenta (36%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 10.066, 182.481 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, 10.066, 182.481 by changing the saturation by 10% instead.


 65, 10.066,
182.481


 65, 10.066,
182.481


 100, 10.066,
182.481


 55, 10.066,
182.481


 85, 10.066,
182.481

 45, 10.066,
182.481

 95, 10.066,
182.481

 35, 10.066,
182.481

 25, 10.066,
182.481

 15, 10.066,
182.481

 5, 10.066, 182.481

 0, 10.066, 182.481

65, 10.066,
182.481

65, 10.066,
182.481

64, 16.075,
181.525

66, 3.803, 183.436

63, 21.726,
180.529

68, 2.629, 4.005

69, 9.153, 4.945

62, 26.916,
179.467

71, 15.707, 5.757

61, 31.545,
178.321

72, 22.242, 6.532

74, 28.723, 7.280

61, 35.527,
177.071

76, 35.123, 8.003

60, 38.806,
175.694

77, 36.708, 6.170

77, 36.987, 3.633

60, 41.371,
174.168

60, 43.279,

172.488

■ 60, 43.982,
171.807

Harmonies

Complementary

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



65, 10.066, 182.481



60, 10.730, 5.326

Rectangle

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



65, 10.066, 182.481



65, 10.066, 232.481



65, 10.066, 2.481



65, 10.066, 52.481

Sweetspot

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



65, 10.067, 182.475



84, 3.959, 183.529



65, 16.595, 138.068



45, 2.721, 183.456



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, 10.067, 182.475



82, 14.745, 182.155



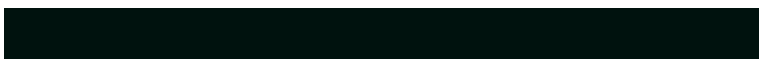
63, 7.842, 232.884



34, 3.608, 183.104



54, 40.318, 171.997



4, 5.809, 180.309

Inverse Universe

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



60, 10.730, 5.326



74, 15.944, 5.717



62, 8.561, 50.516



32, 3.743, 4.607



30, 60.832, 28.880



1, 5.654, 5.229

Previews

White Background



This preview shows how the CIELCh color 65, 10.066, 182.481 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, 10.066, 182.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

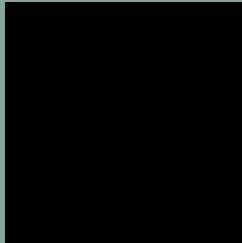
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

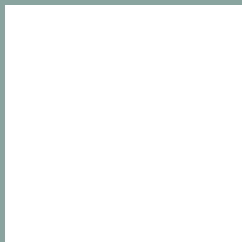
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 10.066, 182.481

Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.066, 182.481.

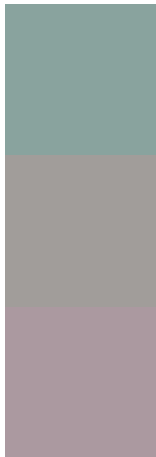


This preview shows how white text looks on a background with the CIELCh color 65, 10.066, 182.481.

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, 10.066, 182.481

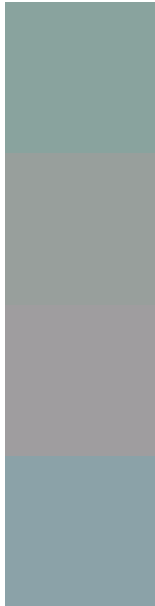
Protanopia
65, 2.256, 66.690

Deuteranopia
65, 7.969, 351.008



Tritanopia
65, 10.235, 244.054

Trichromacy



Original Color
65, 10.066, 182.481

Protanomaly
65, 3.158, 167.432

Deuteranomaly
65, 1.362, 324.350

Tritanomaly
65, 8.863, 220.970

Monochromacy



Original Color
65, 10.066, 182.481

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.601, 181.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 10.066, 182.481 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(137, 163, 158)` looks like.

```
.text, #text, p{  
    color:rgb(137, 163, 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(137, 163, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 163, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.066, 182.481 is called "border". The border property can be set on classes, ids or directly on the HTML element.

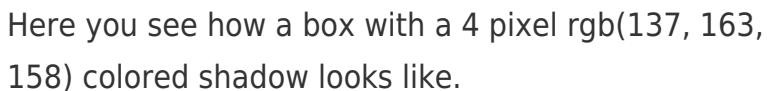
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 163, 158) }
```

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

```
.border{ border-color:rgb(137, 163, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 163, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 163, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 163, 158);  
box-shadow:4px 4px 4px 4px rgb(137, 163,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.066, 182.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 163, 158) }
```

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

```
.background{ background-color: rgb(137,  
163, 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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