

Converting Colors

CIELCh(66, 12.997, 180.564)

Have a look what the booklet for
CIELCh(66, 12.997, 180.564)
contains.

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Color

CIELCh(66, 12.767, 180.578)

Conversions

Conversions Part 1

Format	Color
Hex	86A7A0
RGB	134, 167, 160
RGB Percent	53%, 65%, 63%
CMY	0.4739, 0.3444, 0.3719
CMYK	0.20, 0.00, 0.04, 0.34
HSL	167°, 16%, 59%
HSV	167°, 20%, 66%
XYZ	30.0660, 35.3238, 38.5668
YIQ	156.3350, -17.4210, -9.1730

Conversions

Conversions Part 2

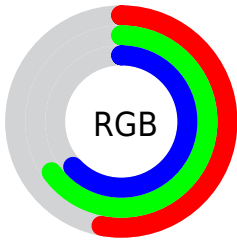
Format	Color
RYB	134, 152, 167
Decimal	8824736
CIELab	66.00, -12.77, -0.13
CIElCh	66, 12.767, 180.578
Yxy	35.3238, 0.2892, 0.3398
Android (android.graphics.Color)	4287014816 (0xFF86A7A0)
YUV	156.3350, 1.8068, -19.5878
Hunter-Lab	59.4338, -13.7108, 3.1302

Details

The CIELCh color $66, 12.767, 180.578$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $59, 13.767, 4.277$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 12.517, 181.456$, and $46, 12.550, 181.418$ is the 20% darker color. If you saturate the color by 10%, you get $65, 18.857, 179.582$, and if you desaturate by 10%, it is $67, 6.393, 181.534$.

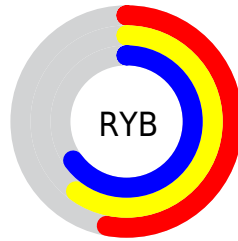
Distribution



Red (53%)

Green (65%)

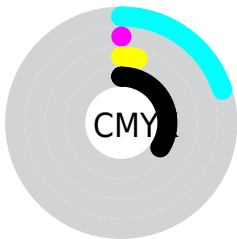
Blue (63%)



Red (53%)

Yellow (60%)

Blue (65%)

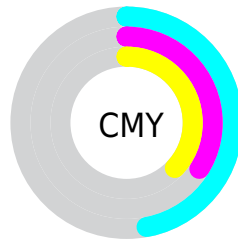


Cyan (20%)

Magenta (0%)

Yellow (4%)

Black (34%)



Cyan (47%)


Magenta (34%)

Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 12.767, 180.578 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 66, 12.767, 180.578 by changing the saturation by 10% instead.


 66, 12.767,
180.578


 66, 12.767,
180.578


 100, 12.767,
180.578


 56, 12.767,
180.578


 86, 12.767,
180.578

 46, 12.767,
180.578

 96, 12.767,
180.578

 36, 12.767,
180.578

 26, 12.767,
180.578

 16, 12.767,
180.578

 6, 12.767, 180.578

 0, 12.767, 180.578

66, 12.767,
180.578

66, 12.767,
180.578

65, 18.857,
179.582

67, 6.393, 181.534

64, 24.554,
178.528

69, 0.173, 359.783

70, 6.847, 3.123

63, 29.751,
177.394

72, 13.561, 3.965

62, 34.349,
176.158

73, 20.263, 4.756

75, 26.910, 5.516

62, 38.269,
174.797

77, 33.475, 6.248

62, 41.466,
173.290

78, 35.201, 4.092

78, 35.604, 1.144

61, 43.949,
171.618

61, 45.889,

169.827

■ 61, 45.938,
169.783

Harmonies

Complementary

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



66, 12.767, 180.578



59, 13.767, 4.277

Rectangle

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



66, 12.767, 180.578



66, 12.767, 230.578



66, 12.767, 0.578



66, 12.767, 50.578

Sweetspot

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



66, 12.768, 180.574



86, 4.882, 181.900



66, 20.882, 137.374



46, 3.262, 181.835



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 12.768, 180.574



83, 19.008, 180.115



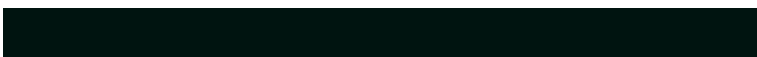
64, 9.824, 231.049



35, 3.735, 181.578



54, 41.873, 169.991



5, 7.113, 177.678

Inverse Universe

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



59, 13.767, 4.277



73, 20.894, 4.856



61, 11.020, 48.396



33, 3.868, 3.115



30, 60.897, 27.452



1, 6.823, 4.581

Previews

White Background



This preview shows how the CIELCh color 66, 12.767, 180.578 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 66, 12.767, 180.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

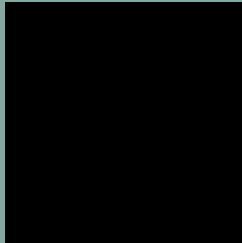
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 12.767, 180.578

Background



This preview shows how black text looks on a background with the CIELCh color 66, 12.767, 180.578.

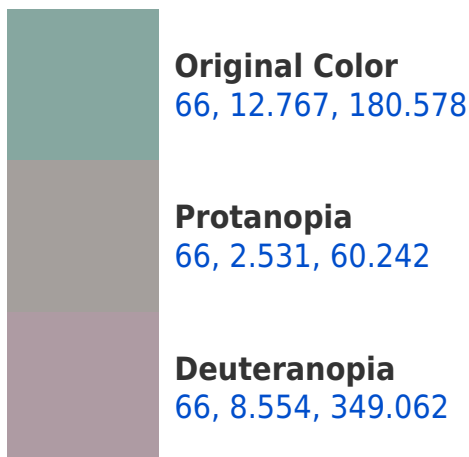


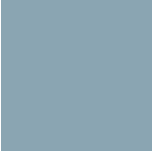
This preview shows how white text looks on a background with the CIELCh color 66, 12.767, 180.578.

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





Tritanopia
66, 11.710, 236.914

Trichromacy



Original Color
66, 12.767, 180.578

Protanomaly
66, 4.091, 166.380

Deuteranomaly
66, 1.718, 303.115

Tritanomaly
66, 10.752, 216.702

Monochromacy



Original Color
66, 12.767, 180.578

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.843, 178.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 12.767, 180.578 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(134, 167, 160)` looks like.

```
.text, #text, p{  
    color:rgb(134, 167, 160)  
}
```

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(134, 167, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 167, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 12.767, 180.578 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(134, 167, 160) }
```

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

```
.border{ border-color:rgb(134, 167, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 167, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 167, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 167, 160);  
box-shadow:4px 4px 4px 4px rgb(134, 167,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 12.767, 180.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 167, 160) }
```

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

```
.background{ background-color: rgb(134,  
167, 160) }
```

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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