

Converting Colors

CIELCh(66, 28.220, 153.767)

Have a look what the booklet for
CIELCh(66, 28.220, 153.767)
contains.

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Color

CIELCh(66, 28.173, 153.845)

Conversions

Conversions Part 1

Format	Color
Hex	76AC89
RGB	118, 172, 137
RGB Percent	46%, 67%, 54%
CMY	0.5360, 0.3241, 0.4615
CMYK	0.31, 0.00, 0.20, 0.32
HSL	141°, 25%, 57%
HSV	141°, 31%, 68%
XYZ	26.8711, 35.3238, 29.1905
YIQ	151.8640, -20.9490, -22.3330

Conversions

Conversions Part 2

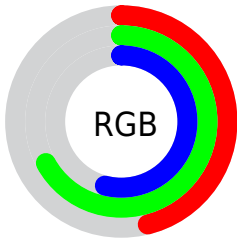
Format	Color
RYB	118, 158, 172
Decimal	7777417
CIELab	66.00, -25.29, 12.42
CIElCh	66, 28.173, 153.845
Yxy	35.3238, 0.2940, 0.3865
Android (android.graphics.Color)	4285967497 (0xFF76AC89)
YUV	151.8640, -7.3280, -29.6987
Hunter-Lab	59.4338, -23.3062, 12.4838

Details

The CIELCh color **66, 28.173, 153.845** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **56, 28.623, 338.850**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 28.433, 153.219**, and **46, 28.024, 154.029** is the 20% darker color. If you saturate the color by 10%, you get **65, 36.888, 152.750**, and if you desaturate by 10%, it is **67, 19.234, 154.803**.

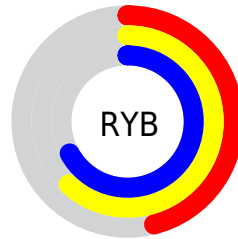
Distribution



Red (46%)

Green (67%)

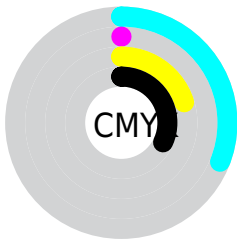
Blue (54%)



Red (46%)

Yellow (62%)

Blue (67%)

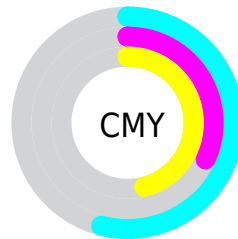


Cyan (31%)

Magenta (0%)

Yellow (20%)

Black (32%)



Cyan (54%)


Magenta (32%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 28.173, 153.845 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, 28.173, 153.845 by changing the saturation by 10% instead.

 66, 28.173,
153.845

 66, 28.173,
153.845


 100, 28.173,
153.845


 56, 28.173,
153.845


 86, 28.173,
153.845

 46, 28.173,
153.845

 96, 28.173,
153.845

 36, 28.173,
153.845

 26, 28.173,
153.845

 16, 28.173,
153.845

 6, 28.173, 153.845

 0, 28.173, 153.845

■ 66, 28.173,
153.845

■ 66, 28.173,
153.845

■ 65, 36.888,
152.750

■ 67, 19.234,
154.803

■ 64, 45.222,
151.498

■ 69, 10.204,
155.655

■ 63, 53.015,
150.068

■ 70, 1.195, 156.627

■ 72, 7.705, 336.976

■ 63, 60.115,
148.447

■ 74, 16.434,
337.585

■ 62, 66.403,
146.638

■ 76, 24.948,
338.121

■ 62, 71.806,
144.668

■ 78, 33.219,
338.604

■ 62, 75.859,
142.959

■ 80, 40.940,
338.576

■ 80, 44.886,
332.910

Harmonies

Complementary

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



66, 28.173, 153.845



56, 28.623, 338.850

Rectangle

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



66, 28.173, 153.845



66, 28.173, 203.845



66, 28.173, 333.845



66, 28.173, 23.845

Sweetspot

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



66, 28.174, 153.844



88, 10.027, 155.831



68, 30.259, 122.000



46, 6.963, 155.717



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 28.174, 153.844



83, 42.131, 153.057



67, 19.579, 184.461



36, 5.114, 155.819



54, 68.257, 143.209



6, 11.314, 153.765

Inverse Universe

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



56, 28.623, 338.850



68, 42.875, 339.509



55, 22.737, 10.523



34, 5.147, 337.076



33, 60.574, 348.426



2, 10.083, 340.862

Previews

White Background



This preview shows how the CIELCh color 66, 28.173, 153.845 looks on a white background.

Color Contrast Check

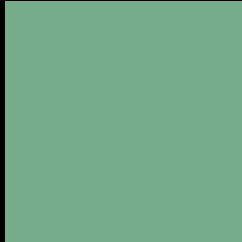
Large Text (above 18pt) WCAG AA × Fail

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, 28.173, 153.845 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, 28.173, 153.845

Background



This preview shows how black text looks on a background with the CIELCh color 66, 28.173, 153.845.

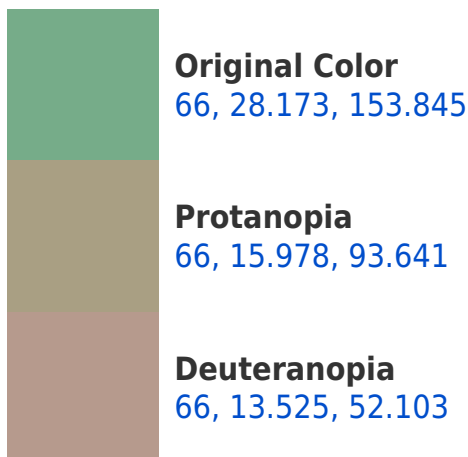


This preview shows how white text looks on a background with the CIELCh color 66, 28.173, 153.845.

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, 15.196, 226.891

Trichromacy



Original Color
66, 28.173, 153.845

Protanomaly
66, 17.851, 125.300

Deuteranomaly
66, 11.612, 112.875

Tritanomaly
66, 16.290, 188.181

Monochromacy



Original Color
66, 28.173, 153.845

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 9.945, 156.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 28.173, 153.845 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(118, 172, 137)` looks like.

```
.text, #text, p{  
    color:rgb(118, 172, 137)  
}
```

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(118, 172, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 172, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 28.173, 153.845 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(118, 172, 137) }
```

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

```
.border{ border-color:rgb(118, 172, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 172, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 172, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 172, 137);  
box-shadow:4px 4px 4px 4px rgb(118, 172,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 28.173, 153.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 172, 137) }
```

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

```
.background{ background-color: rgb(118,  
172, 137) }
```

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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