

Converting Colors

CIELCh(66, 25.595, 156.542)

Have a look what the booklet for
CIELCh(66, 25.595, 156.542)
contains.

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Color

CIELCh(66, 26.065, 156.221)

Conversions

Conversions Part 1

Format	Color
Hex	78AC8D
RGB	120, 172, 141
RGB Percent	47%, 67%, 55%
CMY	0.5302, 0.3263, 0.4478
CMYK	0.30, 0.00, 0.18, 0.33
HSL	144°, 24%, 57%
HSV	144°, 30%, 67%
XYZ	27.2254, 35.3238, 30.5061
YIQ	152.9180, -21.0410, -20.6650

Conversions

Conversions Part 2

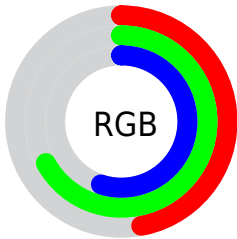
Format	Color
RYB	120, 157, 172
Decimal	7908493
CIELab	66.00, -23.85, 10.51
CIElCh	66, 26.065, 156.221
Yxy	35.3238, 0.2926, 0.3796
Android (android.graphics.Color)	4286098573 (0xFF78AC8D)
YUV	152.9180, -5.8756, -28.8691
Hunter-Lab	59.4338, -22.2421, 11.1714

Details

The CIELCh color $66, 26.065, 156.221$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $56, 26.635, 341.276$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 26.040, 156.157$, and $46, 25.810, 156.725$ is the 20% darker color. If you saturate the color by 10%, you get $65, 34.406, 155.116$, and if you desaturate by 10%, it is $67, 17.508, 157.195$.

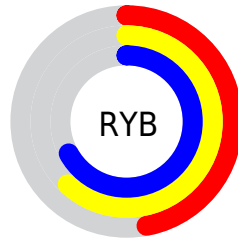
Distribution



Red (47%)

Green (67%)

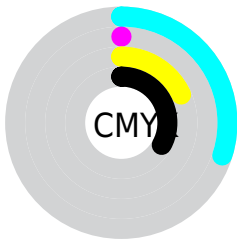
Blue (55%)



Red (47%)

Yellow (62%)

Blue (67%)

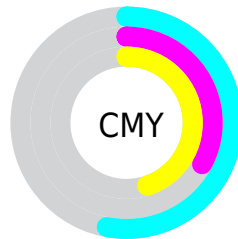


Cyan (30%)

Magenta (0%)

Yellow (18%)

Black (33%)



Cyan (53%)


Magenta (33%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 26.065, 156.221 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, 26.065, 156.221 by changing the saturation by 10% instead.


 66, 26.065,
156.221


 66, 26.065,
156.221


 100, 26.065,
156.221


 56, 26.065,
156.221


 86, 26.065,
156.221

 46, 26.065,
156.221

 96, 26.065,
156.221

 36, 26.065,
156.221

 26, 26.065,
156.221

 16, 26.065,
156.221

 6, 26.065, 156.221

 0, 26.065, 156.221

■ 66, 26.065,
156.221

■ 66, 26.065,
156.221

■ 65, 34.406,
155.116

■ 67, 17.508,
157.195

■ 64, 42.384,
153.857

■ 69, 8.858, 158.070

■ 63, 49.850,
152.422

■ 70, 0.221, 160.297

■ 72, 8.319, 339.438

■ 63, 56.668,
150.793

■ 74, 16.702,
340.076

■ 62, 62.730,
148.965

■ 76, 24.886,
340.645

■ 62, 67.981,
146.952

■ 78, 32.845,
341.163

■ 62, 72.424,
144.938

■ 80, 39.984,
340.775

■ 80, 43.426,
335.201

Harmonies

Complementary

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



66, 26.065, 156.221



56, 26.635, 341.276

Rectangle

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



66, 26.065, 156.221



66, 26.065, 206.221



66, 26.065, 336.221



66, 26.065, 26.221

Sweetspot

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



66, 26.066, 156.220



88, 9.647, 158.163



68, 29.467, 123.991



46, 6.698, 158.044



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, 26.066, 156.220



83, 38.358, 155.532



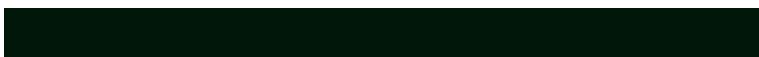
67, 18.474, 188.850



36, 4.920, 158.150



54, 65.319, 145.194



6, 10.969, 155.505

Inverse Universe

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



56, 26.635, 341.276



69, 39.319, 341.896



56, 21.770, 14.213



34, 4.961, 339.469



32, 59.020, 352.681



2, 9.710, 343.634

Previews

White Background



This preview shows how the CIELCh color 66, 26.065, 156.221 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 66, 26.065, 156.221 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, 26.065, 156.221

Background



This preview shows how black text looks on a background with the CIELCh color 66, 26.065, 156.221.

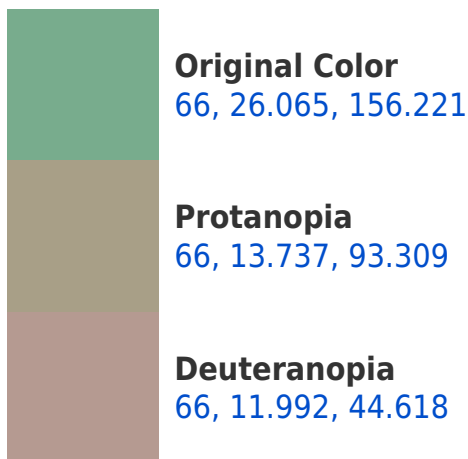



This preview shows how white text looks on a background with the CIELCh color 66, 26.065, 156.221.

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, 14.885, 230.111

Trichromacy



Original Color
66, 26.065, 156.221

Protanomaly
66, 15.907, 128.998

Deuteranomaly
65, 9.399, 111.585

Tritanomaly
66, 15.283, 193.933

Monochromacy



Original Color
66, 26.065, 156.221

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 9.551, 158.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 26.065, 156.221 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(120, 172, 141)` looks like.

```
.text, #text, p{  
    color:rgb(120, 172, 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(120, 172, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 172, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 26.065, 156.221 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(120, 172, 141) }
```

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

```
.border{ border-color:rgb(120, 172, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 172, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 172, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 172, 141);  
box-shadow:4px 4px 4px 4px rgb(120, 172,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 26.065, 156.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 172, 141) }
```

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

```
.background{ background-color: rgb(120,  
172, 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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