

Converting Colors

CIELCh(66, 26.864, 171.139)

Have a look what the booklet for
CIELCh(66, 26.864, 171.139)
contains.

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Color

CIELCh(66, 26.814, 171.367)

Conversions

Conversions Part 1

Format	Color
Hex	69AD98
RGB	105, 173, 152
RGB Percent	41%, 68%, 60%
CMY	0.5869, 0.3202, 0.4026
CMYK	0.39, 0.00, 0.12, 0.32
HSL	161°, 29%, 55%
HSV	161°, 39%, 68%
XYZ	26.5720, 35.3238, 35.2694
YIQ	150.2740, -33.7870, -20.9470

Conversions

Conversions Part 2

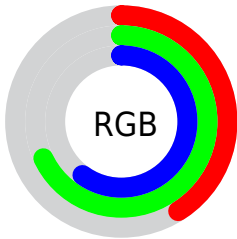
Format	Color
RYB	105, 145, 173
Decimal	6925720
CIELab	66.00, -26.51, 4.02
CIElCh	66, 26.814, 171.367
Yxy	35.3238, 0.2735, 0.3635
Android (android.graphics.Color)	4285115800 (0xFF69AD98)
YUV	150.2740, 0.8509, -39.7053
Hunter-Lab	59.4338, -24.2044, 6.4197

Details

The CIELCh color **66, 26.814, 171.367** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 29.992, 359.955**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 27.003, 170.966**, and **46, 26.791, 171.486** is the 20% darker color. If you saturate the color by 10%, you get **65, 32.812, 170.108**, and if you desaturate by 10%, it is **67, 20.366, 172.511**.

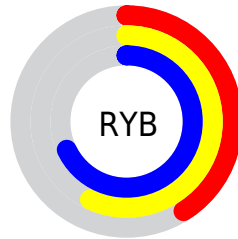
Distribution



Red (41%)

Green (68%)

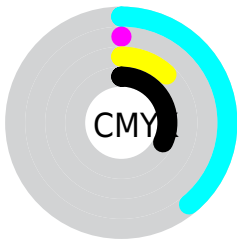
Blue (60%)



Red (41%)

Yellow (57%)

Blue (68%)

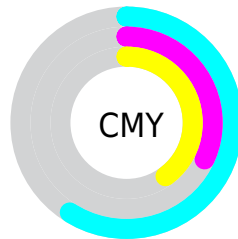


Cyan (39%)

Magenta (0%)

Yellow (12%)

Black (32%)



Cyan (59%)


Magenta (32%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 26.814, 171.367 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, 26.814, 171.367 by changing the saturation by 10% instead.


 66, 26.814,
171.367


 66, 26.814,
171.367


 100, 26.814,
171.367


 56, 26.814,
171.367


 86, 26.814,
171.367

 46, 26.814,
171.367


 96, 26.814,
171.367

 36, 26.814,
171.367

 26, 26.814,
171.367

 16, 26.814,
171.367

 6, 26.814, 171.367

 0, 26.814, 171.367

■ 66, 26.814,
171.367

■ 66, 26.814,
171.367

■ 65, 32.812,
170.108

■ 67, 20.366,
172.511

■ 64, 38.246,
168.714

■ 68, 13.584,
173.567

■ 64, 43.022,
167.160

■ 70, 6.577, 174.569

■ 63, 47.083,
165.423

■ 71, 0.555, 354.637

■ 73, 7.730, 356.200

■ 63, 50.423,
163.490

■ 74, 14.884,
357.029

■ 63, 53.187,
161.416

■ 76, 21.967,
357.801

■ 63, 53.394,
161.262

■ 78, 28.942,
358.533

■ 79, 33.605,
357.300

Harmonies

Complementary

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



66, 26.814, 171.367



53, 29.992, 359.955

Rectangle

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



66, 26.814, 171.367



66, 26.814, 221.367



66, 26.814, 351.367



66, 26.814, 41.367

Sweetspot

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



66, 26.815, 171.365



87, 10.524, 174.272



66, 41.306, 133.315



46, 6.965, 174.149



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, 26.815, 171.365



83, 38.794, 170.294



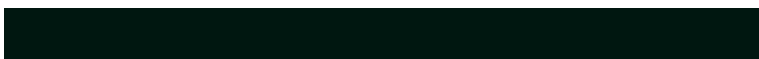
63, 19.320, 219.312



36, 4.034, 174.561



55, 47.897, 161.534



6, 9.078, 169.417

Inverse Universe

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



53, 29.992, 359.955



63, 44.466, 1.459



55, 25.607, 37.835



34, 4.139, 356.149



31, 58.623, 19.292



2, 8.345, 359.368

Previews

White Background



This preview shows how the CIELCh color 66, 26.814, 171.367 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, 26.814, 171.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

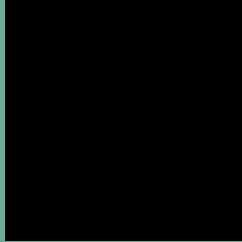
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 26.814, 171.367

Background



This preview shows how black text looks on a background with the CIELCh color 66, 26.814, 171.367.

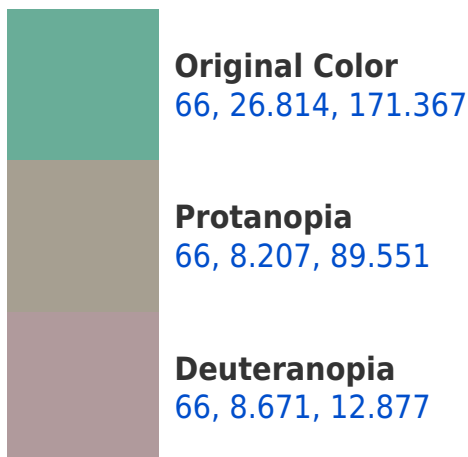


This preview shows how white text looks on a background with the CIELCh color 66, 26.814, 171.367.

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, 19.614, 221.529

Trichromacy



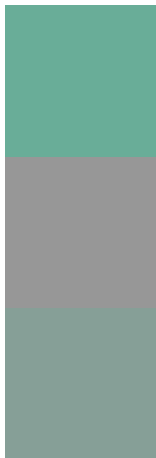
Original Color
66, 26.814, 171.367

Protanomaly
65, 11.789, 149.757

Deuteranomaly
65, 5.380, 160.811

Tritanomaly
66, 20.491, 199.284

Monochromacy



Original Color
66, 26.814, 171.367

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 10.461, 173.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 26.814, 171.367 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(105, 173, 152)` looks like.

```
.text, #text, p{  
    color:rgb(105, 173, 152)  
}
```

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(105, 173, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 173, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 26.814, 171.367 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(105, 173, 152) }
```

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

```
.border{ border-color:rgb(105, 173, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 173, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 173, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 173, 152);  
box-shadow:4px 4px 4px 4px rgb(105, 173,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 26.814, 171.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 173, 152) }
```

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

```
.background{ background-color: rgb(105,  
173, 152) }
```

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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