

Converting Colors

CIELCh(66, 18.086, 3.556)

Have a look what the booklet for
CIELCh(66, 18.086, 3.556) contains.

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Color

CIELCh(66, 18.086, 3.556)

Conversions

Conversions Part 1	
Format	Color
Hex	C1959F
RGB	193, 149, 159
RGB Percent	76%, 58%, 62%
CMY	0.2432, 0.4158, 0.3766
CMYK	0.00, 0.23, 0.18, 0.24
HSL	346°, 26%, 67%
HSV	346°, 23%, 76%
XYZ	38.9855, 35.3238, 37.5534
YIQ	163.2960, 23.0140, 12.4380

Conversions

Conversions Part 2

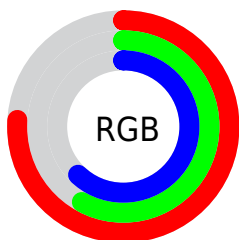
Format	Color
RYB	193, 149, 159
Decimal	12686751
CIELab	66.00, 18.05, 1.12
CIELCh	66, 18.086, 3.556
Yxy	35.3238, 0.3485, 0.3158
Android (android.graphics.Color)	4290876831 (0xFFC1959F)
YUV	163.2960, -2.1179, 26.0504
Hunter-Lab	59.4338, 13.0774, 4.1412

Details

The CIELCh color **66, 18.086, 3.556** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 16.616, 179.101**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 18.293, 2.601**, and **46, 18.207, 3.120** is the 20% darker color. If you saturate the color by 10%, you get **61, 26.532, 4.945**, and if you desaturate by 10%, it is **71, 9.921, 2.385**.

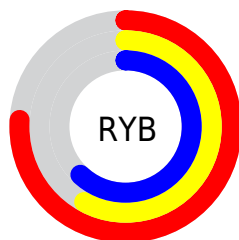
Distribution



Red (76%)

Green (58%)

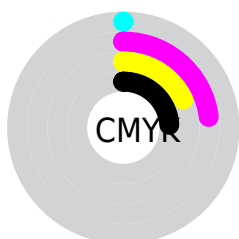
Blue (62%)



Red (76%)

Yellow (58%)

Blue (62%)

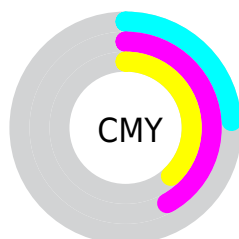


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (24%)



Cyan (24%)

Magenta (42%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 18.086, 3.556 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, 18.086, 3.556 by changing the saturation by 10% instead.

 66, 18.086, 3.556  66, 18.086, 3.556

 100, 18.086, 3.556  56, 18.086, 3.556

 86, 18.086, 3.556  46, 18.086, 3.556

 96, 18.086, 3.556  36, 18.086, 3.556

 26, 18.086, 3.556

 16, 18.086, 3.556

 6, 18.086, 3.556

 0, 18.086, 3.556

 66, 18.086, 3.556  66, 18.086, 3.556

 61, 26.532, 4.945  71, 9.921, 2.385


 56, 35.122, 6.624

 77, 2.118, 1.221


 52, 43.623, 8.703

 82, 5.296, 180.692

 48, 51.724, 11.318


 87, 12.325,
179.890

 45, 59.078, 14.626


 93, 18.986,
179.211

 43, 65.418, 18.763

 41, 70.698, 23.741

 96, 20.836,
188.795

 40, 74.160, 27.526

 96, 20.219,
198.174

Harmonies

Complementary

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



66, 18.086, 3.556



75, 16.616, 179.101

Rectangle

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



66, 18.086, 3.556



66, 18.086, 53.556



66, 18.086, 183.556



66, 18.086, 233.556

Sweetspot

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



66, 18.084, 3.560



94, 6.602, 1.767



66, 27.320, 318.786



49, 4.295, 1.834



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 18.084, 3.560



81, 26.674, 4.170



69, 14.564, 46.384



38, 4.373, 2.013



33, 64.324, 26.686



3, 14.365, 7.198

Inverse Universe

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



66, 18.084, 3.560



81, 26.674, 4.170



72, 12.659, 229.142



38, 4.373, 2.013



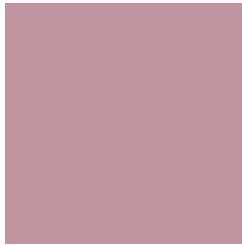
33, 64.324, 26.686



3, 14.365, 7.198

Previews

White Background



This preview shows how the CIELCh color 66, 18.086, 3.556 looks on a white background.

Color Contrast Check

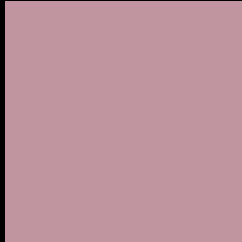
Large Text (above 18pt) WCAG AA × Fail

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, 18.086, 3.556 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, 18.086, 3.556

Background



This preview shows how black text looks on a background with the CIELCh color 66, 18.086, 3.556.



This preview shows how white text looks on a background with the CIELCh color 66, 18.086, 3.556.

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

66, 18.086, 3.556

Protanopia

66, 2.886, 305.621

Deuteranopia

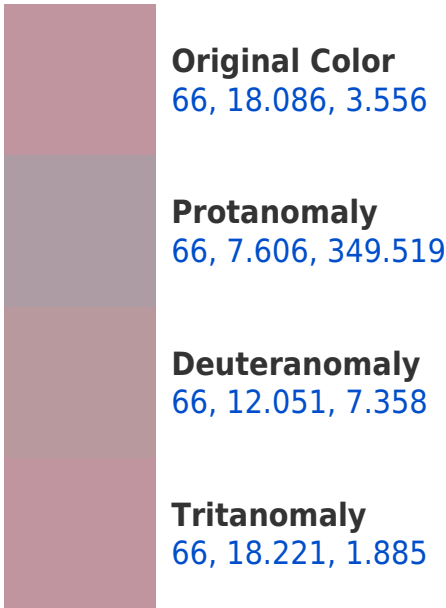
66, 8.729, 9.278



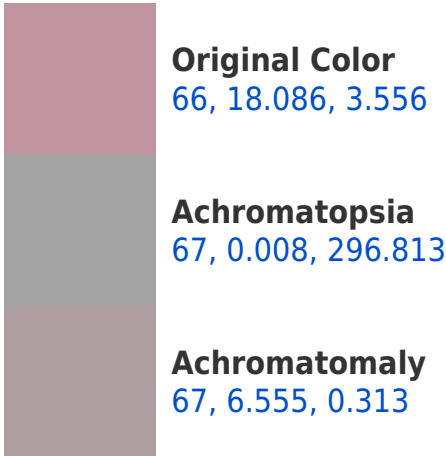
Tritanopia

66, 18.221, 1.885

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 18.086, 3.556 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(193, 149, 159)` looks like.

```
.text, #text, p{  
    color:rgb(193, 149, 159)  
}
```

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(193, 149, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 149, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 18.086, 3.556 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(193, 149, 159) }
```

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

```
.border{ border-color:rgb(193, 149, 159) }
```

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

Here you see how a box with a 4 pixel rgb(193, 149, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 149, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 149, 159);  
box-shadow:4px 4px 4px 4px rgb(193, 149,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 18.086, 3.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 149, 159) }
```

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

```
.background{ background-color: rgb(193,  
149, 159) }
```

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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