

# Converting Colors

CIELCh(78, 34.075, 56.832)

Have a look what the booklet for  
CIELCh(78, 34.075, 56.832) contains.

<b>CIELCh(78, 34.075, 56.832)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	20
<b><i>Color Blindness Simulation</i></b> .....	23
<b><i>CSS Examples</i></b> .....	26

# **Color**

**CIELCh(78, 34.075, 56.832)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3B38D
RGB	243, 179, 141
RGB Percent	95%, 70%, 55%
CMY	0.0471, 0.2981, 0.4471
CMYK	0.00, 0.26, 0.42, 0.05
HSL	22°, 81%, 75%
HSV	22°, 42%, 95%
XYZ	57.8837, 53.2120, 32.4161
YIQ	193.8040, 50.3420, 1.7500

# Conversions

## Conversions Part 2

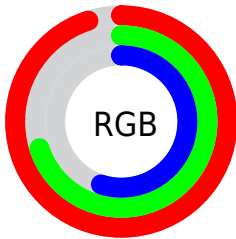
Format	Color
R <sub>Y</sub> B	243, 202, 141
Decimal	15971213
CIE Lab	78.00, 18.64, 28.52
CIE LCh	78, 34.075, 56.832
Yxy	53.2120, 0.4033, 0.3708
Android (android.graphics.Color)	4294161293 (0xFFFF3B38D)
YUV	193.8040, -26.0324, 43.1449
Hunter-Lab	72.9466, 13.9848, 24.7152

# Details

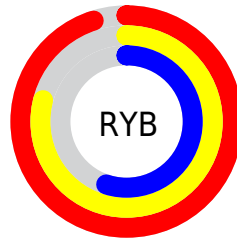
The CIELCh color **78, 34.075, 56.832** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 27.293, 246.861**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 21.905, 88.091**, and **58, 34.367, 56.840** is the 20% darker color. If you saturate the color by 10%, you get **74, 43.663, 56.095**, and if you desaturate by 10%, it is **82, 25.064, 57.641**.

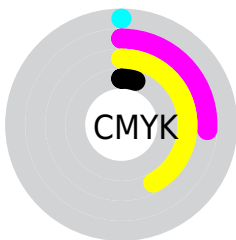
# Distribution



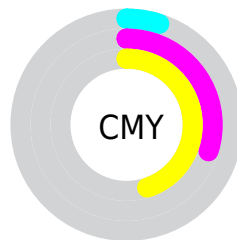
- Red (95%)
- Green (70%)
- Blue (55%)



- Red (95%)
- Yellow (79%)
- Blue (55%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (5%)



- Cyan (5%)
- Magenta (30%)
- Yellow (45%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 34.075, 56.832 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 78, 34.075, 56.832 by changing the saturation by 10% instead.



 78, 34.075, 56.832

 78, 34.075, 56.832

 100, 34.075,  
56.832

 68, 34.075, 56.832

 98, 34.075, 56.832

 58, 34.075, 56.832

 48, 34.075, 56.832

 38, 34.075, 56.832

 28, 34.075, 56.832

 18, 34.075, 56.832

 8, 34.075, 56.832

 0, 34.075, 56.832

 78, 34.075, 56.832

 78, 34.075, 56.832

74, 43.663, 56.095

82, 25.064, 57.641

70, 53.751, 55.402

86, 16.637, 58.496

67, 64.103, 54.699

91, 8.763, 59.375

64, 74.168, 53.822

95, 1.394, 59.986

61, 82.833, 52.407

99, 4.145, 199.302

58, 88.120, 50.742

# Harmonies

# Complementary

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



78, 34.075, 56.832



79, 27.293, 246.861

# Rectangle

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



78, 34.075, 56.832



78, 34.075, 106.832



78, 34.075, 236.832



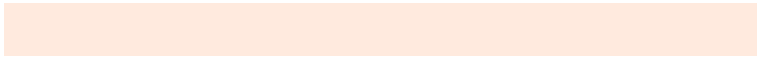
78, 34.075, 286.832

# Sweetspot

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



78, 34.074, 56.838



94, 9.927, 59.282



71, 49.839, 340.648



49, 6.999, 59.088



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

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



78, 34.074, 56.838



78, 43.408, 56.228



90, 45.279, 99.452



49, 4.149, 59.588



45, 71.734, 51.372



13, 25.269, 48.931



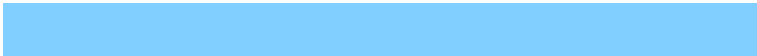


# Inverse Universe

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



79, 27.293, 246.861



80, 33.046, 248.854



66, 48.960, 290.462



49, 3.979, 241.619



47, 44.060, 268.414



13, 17.872, 260.374



# Previews

## White Background



This preview shows how the CIELCh color 78, 34.075, 56.832 looks on a white background.

## Color Contrast Check

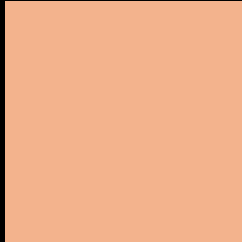
Large Text (above 18pt) WCAG AA × Fail

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 78, 34.075, 56.832 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 78, 34.075, 56.832

## Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.075, 56.832.



This preview shows how white text looks on a background with the CIELCh color 78, 34.075, 56.832.

# 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**

78, 34.075, 56.832

**Protanopia**

78, 25.077, 94.851

**Deuteranopia**

78, 30.467, 71.122



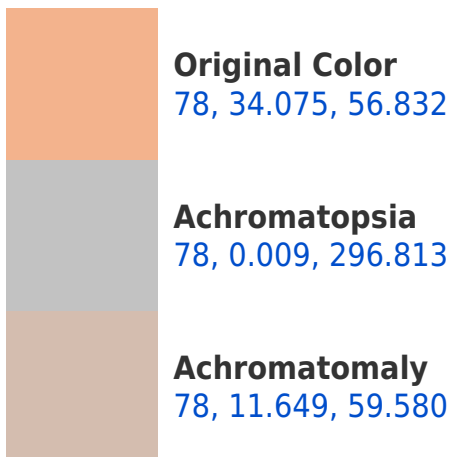
**Tritanopia**  
78, 29.174, 8.466



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 78, 34.075, 56.832 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(243, 179, 141)` looks like.

```
.text, #text, p{  
    color:rgb(243, 179, 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(243, 179, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 179, 141) }
```

## Border

The CSS property to change the border of an element to CIELCh 78, 34.075, 56.832 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(243, 179, 141) }
```

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

```
.border{ border-color:rgb(243, 179, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 179, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 179, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 179, 141);  
box-shadow:4px 4px 4px 4px rgb(243, 179,  
141) }
```

# Background

The CSS property to change the background color of an element to CIELCh 78, 34.075, 56.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 179, 141) }
```

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

```
.background{ background-color: rgb(243,  
179, 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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