

Converting Colors

CIELCh(77, 34.678, 56.577)

Have a look what the booklet for
CIELCh(77, 34.678, 56.577) contains.

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Color

CIELCh(77, 34.563, 56.395)

Conversions

Conversions Part 1

Format	Color
Hex	F1B08A
RGB	241, 176, 138
RGB Percent	95%, 69%, 54%
CMY	0.0553, 0.3101, 0.4592
CMYK	0.00, 0.27, 0.43, 0.06
HSL	22°, 79%, 74%
HSV	22°, 43%, 94%
XYZ	56.3313, 51.5317, 30.9902
YIQ	191.1030, 50.9380, 1.9620

Conversions

Conversions Part 2

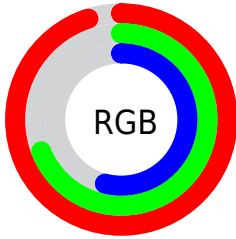
Format	Color
R _Y B	241, 198, 138
Decimal	15839370
CIE Lab	77.00, 19.13, 28.79
CIE LCh	77, 34.563, 56.395
Yxy	51.5317, 0.4057, 0.3711
Android (android.graphics.Color)	4294029450 (0xFFFF1B08A)
YUV	191.1030, -26.1798, 43.7597
Hunter-Lab	71.7856, 14.4469, 24.6542

Details

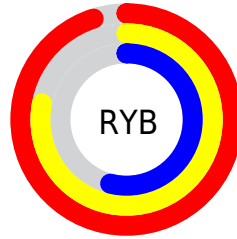
The CIELCh color **77, 34.563, 56.395** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 27.481, 246.531**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 22.406, 85.273**, and **57, 34.545, 55.746** is the 20% darker color. If you saturate the color by 10%, you get **73, 44.140, 55.684**, and if you desaturate by 10%, it is **81, 25.561, 57.181**.

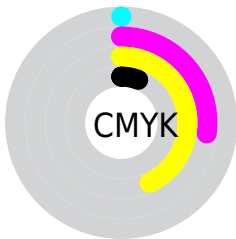
Distribution



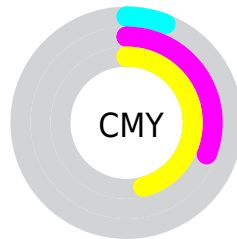
- Red (95%)
- Green (69%)
- Blue (54%)



- Red (95%)
- Yellow (78%)
- Blue (54%)



- Cyan (0%)
- Magenta (27%)
- Yellow (43%)
- Black (6%)



- Cyan (6%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.563, 56.395 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 77, 34.563, 56.395 by changing the saturation by 10% instead.

 77, 34.563, 56.395

 77, 34.563, 56.395

 100, 34.563,
56.395

 67, 34.563, 56.395

 97, 34.563, 56.395

 57, 34.563, 56.395

 47, 34.563, 56.395

 37, 34.563, 56.395

 27, 34.563, 56.395

 17, 34.563, 56.395

 7, 34.563, 56.395

 0, 34.563, 56.395

 77, 34.563, 56.395

 77, 34.563, 56.395

73, 44.140, 55.684

81, 25.561, 57.181

69, 54.209, 55.018

85, 17.145, 58.016

66, 64.520, 54.338

90, 9.284, 58.879

63, 74.494, 53.469

94, 1.933, 59.580

60, 82.977, 52.027

98, 4.084, 221.965

58, 87.711, 50.543

99, 4.856, 199.234

Harmonies

Complementary

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



77, 34.563, 56.395



79, 27.481, 246.531

Rectangle

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



77, 34.563, 56.395



77, 34.563, 106.395



77, 34.563, 236.395



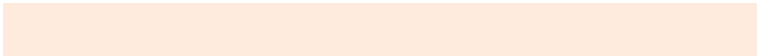
77, 34.563, 286.395

Sweetspot

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



77, 34.562, 56.401



94, 9.923, 58.855



70, 50.360, 340.725



49, 6.996, 58.663



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 34.562, 56.401



78, 44.450, 55.794



90, 45.768, 99.367



48, 4.075, 59.157



45, 71.119, 51.189



12, 24.061, 48.105

Inverse Universe

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



79, 27.481, 246.531



80, 33.510, 248.609



65, 49.587, 290.618



48, 3.906, 241.162



47, 43.273, 267.811



13, 17.193, 259.328

Previews

White Background



This preview shows how the CIELCh color 77, 34.563, 56.395 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 77, 34.563, 56.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

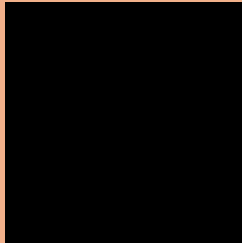
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 34.563, 56.395

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.563, 56.395.



This preview shows how white text looks on a background with the CIELCh color 77, 34.563, 56.395.

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](#).

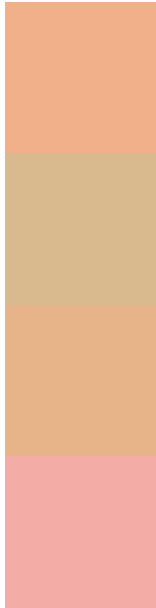
Dichromacy





Tritanopia
77, 29.646, 8.739

Trichromacy



Original Color
77, 34.563, 56.395

Protanomaly
77, 26.641, 78.380

Deuteranomaly
77, 31.780, 65.924

Tritanomaly
77, 28.923, 27.065

Monochromacy



Original Color
77, 34.563, 56.395

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 11.689, 59.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.563, 56.395 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(241, 176, 138)` looks like.

```
.text, #text, p{  
    color:rgb(241, 176, 138)  
}
```

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(241, 176, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 176, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.563, 56.395 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(241, 176, 138) }
```

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

```
.border{ border-color:rgb(241, 176, 138) }
```

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

Here you see how a box with a 4 pixel rgb(241, 176, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 176, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 176, 138);  
box-shadow:4px 4px 4px 4px rgb(241, 176,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.563, 56.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 176, 138) }
```

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

```
.background{ background-color: rgb(241,  
176, 138) }
```

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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