

Converting Colors

CIELCh(79, 37.783, 57.137)

Have a look what the booklet for
CIELCh(79, 37.783, 57.137) contains.

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Color

CIELCh(79, 37.583, 56.866)

Conversions

Conversions Part 1

Format	Color
Hex	FAB48A
RGB	250, 180, 138
RGB Percent	98%, 71%, 54%
CMY	0.0187, 0.2933, 0.4581
CMYK	0.00, 0.28, 0.45, 0.02
HSL	23°, 92%, 76%
HSV	23°, 45%, 98%
XYZ	60.4660, 54.9284, 31.5326
YIQ	196.1420, 55.2020, 1.7780

Conversions

Conversions Part 2

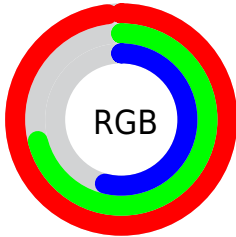
Format	Color
R _Y B	250, 205, 138
Decimal	16430218
CIE Lab	79.00, 20.54, 31.47
CIE LCh	79, 37.583, 56.866
Yxy	54.9284, 0.4115, 0.3738
Android (android.graphics.Color)	4294620298 (0xFFFA48A)
YUV	196.1420, -28.6640, 47.2335
Hunter-Lab	74.1137, 15.9311, 26.6539

Details

The CIELCh color **79, 37.583, 56.866** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 29.632, 247.863**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 23.699, 90.444**, and **59, 37.762, 57.163** is the 20% darker color. If you saturate the color by 10%, you get **75, 47.551, 56.130**, and if you desaturate by 10%, it is **83, 28.190, 57.672**.

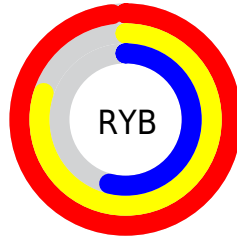
Distribution



Red (98%)

Green (71%)

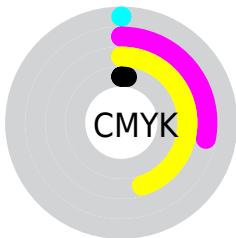
Blue (54%)



Red (98%)

Yellow (80%)

Blue (54%)

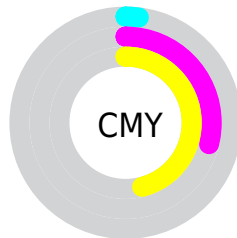


Cyan (0%)

Magenta (28%)

Yellow (45%)

Black (2%)



Cyan (2%)

Magenta (29%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 37.583, 56.866 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 79, 37.583, 56.866 by changing the saturation by 10% instead.

79, 37.583, 56.866

79, 37.583, 56.866

100, 37.583,
56.866

69, 37.583, 56.866

99, 37.583, 56.866

59, 37.583, 56.866

49, 37.583, 56.866

39, 37.583, 56.866

29, 37.583, 56.866

19, 37.583, 56.866

9, 37.583, 56.866

0, 37.583, 56.866

79, 37.583, 56.866

79, 37.583, 56.866

75, 47.551, 56.130

83, 28.190, 57.672

71, 57.979, 55.425

87, 19.397, 58.527

68, 68.553, 54.674

92, 11.178, 59.414

64, 78.563, 53.666

96, 3.490, 60.245

62, 86.681, 51.965

100, 1.659,
199.699

60, 90.024, 50.829

Harmonies

Complementary

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



79, 37.583, 56.866



80, 29.632, 247.863

Rectangle

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



79, 37.583, 56.866



79, 37.583, 106.866



79, 37.583, 236.866



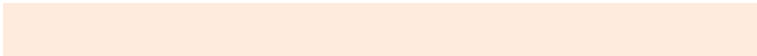
79, 37.583, 286.866

Sweetspot

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



79, 37.582, 56.871



94, 9.931, 59.571



72, 54.238, 340.946



49, 7.001, 59.374



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 37.582, 56.871



77, 47.494, 56.181



92, 49.350, 99.127



50, 4.221, 59.878



46, 72.390, 51.485



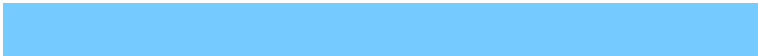
13, 26.474, 49.584

Inverse Universe

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



80, 29.632, 247.863



78, 35.338, 250.310



66, 53.772, 291.063



50, 4.049, 241.927



48, 44.752, 268.834



14, 18.526, 261.202

Previews

White Background



This preview shows how the CIELCh color 79, 37.583, 56.866 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 79, 37.583, 56.866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

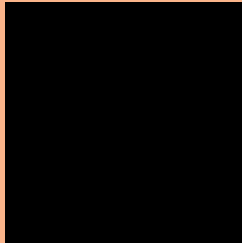
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 37.583, 56.866

Background



This preview shows how black text looks on a background with the CIELCh color 79, 37.583, 56.866.



This preview shows how white text looks on a background with the CIELCh color 79, 37.583, 56.866.

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

79, 37.583, 56.866

Protanopia

79, 27.569, 95.795

Deuteranopia

79, 33.548, 72.801



Tritanopia
79, 31.811, 9.901

Trichromacy



Original Color
79, 37.583, 56.866

Protanomaly
79, 29.022, 78.097

Deuteranomaly
79, 34.860, 66.544

Tritanomaly
79, 31.064, 28.723

Monochromacy



Original Color
79, 37.583, 56.866

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 12.915, 57.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 37.583, 56.866 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(250, 180, 138)` looks like.

```
.text, #text, p{  
    color:rgb(250, 180, 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(250, 180, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 180, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 37.583, 56.866 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(250, 180, 138) }
```

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

```
.border{ border-color:rgb(250, 180, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 180, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 180, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 180, 138);  
box-shadow:4px 4px 4px 4px rgb(250, 180,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 37.583, 56.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 180, 138) }
```

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

```
.background{ background-color: rgb(250,  
180, 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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