

Converting Colors

CIELCh(77, 35.784, 31.134)

Have a look what the booklet for
CIELCh(77, 35.784, 31.134) contains.

CIELCh(77, 35.704, 31.660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(77, 35.704, 31.660)

Conversions

Conversions Part 1

Format	Color
Hex	FEA89D
RGB	254, 168, 157
RGB Percent	100%, 66%, 62%
CMY	0.0038, 0.3410, 0.3842
CMYK	0.00, 0.34, 0.38, 0.00
HSL	7°, 98%, 81%
HSV	7°, 38%, 100%
XYZ	60.9850, 51.5317, 38.6458
YIQ	192.4600, 54.7870, 14.8110

Conversions

Conversions Part 2

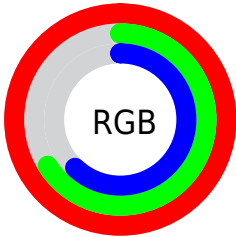
Format	Color
R _Y B	254, 169, 157
Decimal	16689309
CIE Lab	77.00, 30.39, 18.74
CIE LCh	77, 35.704, 31.660
Yxy	51.5317, 0.4034, 0.3409
Android (android.graphics.Color)	4294879389 (0xFFFEA89D)
YUV	192.4600, -17.4818, 53.9706
Hunter-Lab	71.7856, 26.0188, 18.3312

Details

The CIELCh color **77, 35.704, 31.660** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 26.840, 210.188**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.157, 48.014**, and **57, 35.686, 31.354** is the 20% darker color. If you saturate the color by 10%, you get **72, 46.846, 32.685**, and if you desaturate by 10%, it is **83, 25.290, 30.932**.

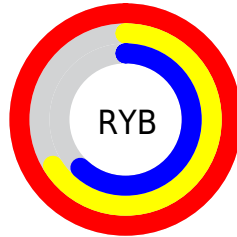
Distribution



Red (100%)

Green (66%)

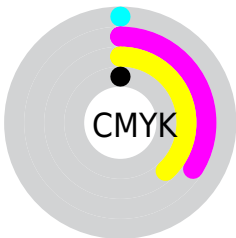
Blue (62%)



Red (100%)

Yellow (66%)

Blue (62%)

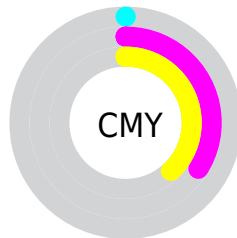


Cyan (0%)

Magenta (34%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.704, 31.660 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, 35.704, 31.660 by changing the saturation by 10% instead.

77, 35.704, 31.660

77, 35.704, 31.660

100, 35.704,
31.660

67, 35.704, 31.660

97, 35.704, 31.660

57, 35.704, 31.660

47, 35.704, 31.660

37, 35.704, 31.660

27, 35.704, 31.660

17, 35.704, 31.660

7, 35.704, 31.660

0, 35.704, 31.660

77, 35.704, 31.660

77, 35.704, 31.660

72, 46.846, 32.685

83, 25.290, 30.932

67, 58.602, 34.054

89, 15.646, 30.420

62, 70.723, 35.803

95, 6.753, 30.044

59, 82.727, 37.850

100, 0.334,
201.370

56, 93.592, 39.824

54, 101.312,
40.915

54, 102.438,
41.116

Harmonies

Complementary

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



77, 35.704, 31.660



91, 26.840, 210.188

Rectangle

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



77, 35.704, 31.660



77, 35.704, 81.660



77, 35.704, 211.660



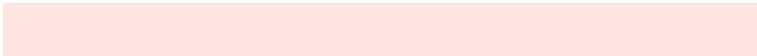
77, 35.704, 261.660

Sweetspot

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



77, 35.702, 31.665



93, 9.211, 30.145



77, 56.447, 329.520



49, 6.224, 30.194



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, 35.702, 31.665



73, 44.491, 32.435



88, 34.239, 80.313



50, 4.731, 30.092



41, 82.422, 41.370



11, 31.268, 32.739

Inverse Universe

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



91, 26.840, 210.188



90, 31.185, 210.496



78, 32.766, 272.016



52, 4.446, 209.956



64, 35.613, 216.990



21, 16.538, 214.205

Previews

White Background



This preview shows how the CIELCh color 77, 35.704, 31.660 looks on a white background.

Color Contrast Check

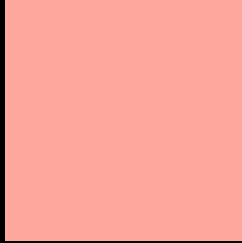
Large Text (above 18pt) WCAG AA × Fail

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, 35.704, 31.660 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, 35.704, 31.660

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.704, 31.660.



This preview shows how white text looks on a background with the CIELCh color 77, 35.704, 31.660.

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

77, 35.704, 31.660

Protanopia

77, 12.254, 92.498

Deuteranopia

77, 22.032, 64.458



Tritanopia
77, 35.587, 11.686

Trichromacy



Original Color
77, 35.704, 31.660

Protanomaly
77, 17.690, 53.085

Deuteranomaly
77, 25.801, 49.059

Tritanomaly
77, 35.296, 19.220

Monochromacy



Original Color
77, 35.704, 31.660

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.522, 30.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.704, 31.660 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(254, 168, 157)` looks like.

```
.text, #text, p{  
    color:rgb(254, 168, 157)  
}
```

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(254, 168, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 168, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.704, 31.660 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(254, 168, 157) }
```

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

```
.border{ border-color:rgb(254, 168, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 168, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 168, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 168, 157);  
box-shadow:4px 4px 4px 4px rgb(254, 168,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.704, 31.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 168, 157) }
```

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

```
.background{ background-color: rgb(254,  
168, 157) }
```

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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