

Converting Colors

CIELCh(76, 31.467, 47.167)

Have a look what the booklet for
CIELCh(76, 31.467, 47.167) contains.

CIELCh(76, 31.455, 47.276)	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(76, 31.455, 47.276)

Conversions

Conversions Part 1

Format	Color
Hex	EFAC92
RGB	239, 172, 146
RGB Percent	94%, 67%, 57%
CMY	0.0631, 0.3258, 0.4277
CMYK	0.00, 0.28, 0.39, 0.06
HSL	17°, 74%, 75%
HSV	17°, 39%, 94%
XYZ	55.4911, 49.8872, 33.8697
YIQ	189.0690, 48.2780, 6.1180

Conversions

Conversions Part 2

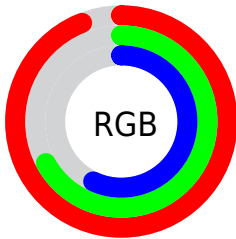
Format	Color
R _Y B	239, 182, 146
Decimal	15707282
CIE Lab	76.00, 21.34, 23.11
CIE LCh	76, 31.455, 47.276
Yxy	49.8872, 0.3985, 0.3583
Android (android.graphics.Color)	4293897362 (0xFFEFAC92)
YUV	189.0690, -21.2330, 43.7895
Hunter-Lab	70.6309, 16.6343, 21.0102

Details

The CIELCh color **76, 31.455, 47.276** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 24.342, 233.011**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 17.760, 73.669**, and **56, 31.613, 47.082** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.137, 47.110**, and if you desaturate by 10%, it is **81, 22.450, 47.584**.

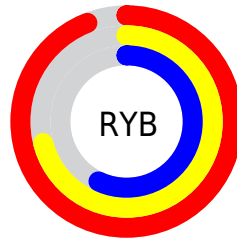
Distribution



Red (94%)

Green (67%)

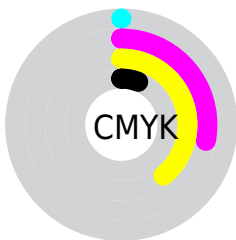
Blue (57%)



Red (94%)

Yellow (71%)

Blue (57%)

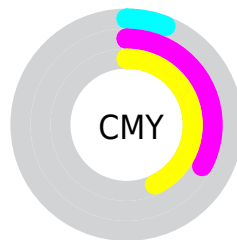


Cyan (0%)

Magenta (28%)

Yellow (39%)

Black (6%)



Cyan (6%)

Magenta (33%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 31.455, 47.276 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 76, 31.455, 47.276 by changing the saturation by 10% instead.

76, 31.455, 47.276

76, 31.455, 47.276

100, 31.455,
47.276

66, 31.455, 47.276

96, 31.455, 47.276

56, 31.455, 47.276

46, 31.455, 47.276

36, 31.455, 47.276

26, 31.455, 47.276

16, 31.455, 47.276

6, 31.455, 47.276

0, 31.455, 47.276

76, 31.455, 47.276

76, 31.455, 47.276

72, 41.137, 47.110

81, 22.450, 47.584

67, 51.456, 47.083

85, 14.113, 47.989

64, 62.248, 47.174

90, 6.398, 48.445

60, 73.104, 47.272

95, 0.750, 229.891

57, 83.095, 47.058

99, 5.529, 199.175

55, 90.753, 46.061

54, 91.518, 45.979

Harmonies

Complementary

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



76, 31.455, 47.276



82, 24.342, 233.011

Rectangle

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



76, 31.455, 47.276



76, 31.455, 97.276



76, 31.455, 227.276



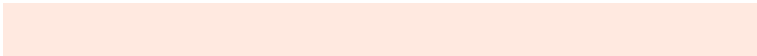
76, 31.455, 277.276

Sweetspot

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



76, 31.454, 47.282



94, 9.184, 48.304



72, 48.851, 335.771



49, 6.123, 48.243



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 31.454, 47.282



77, 41.379, 47.130



87, 37.905, 93.557



48, 4.095, 48.421



42, 74.658, 46.501



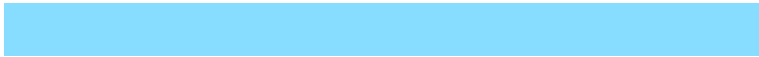
11, 25.090, 40.543

Inverse Universe

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



82, 24.342, 233.011



84, 29.993, 234.463



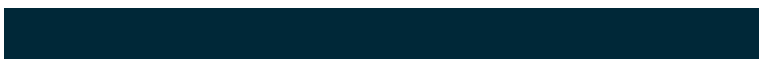
70, 39.356, 284.462



48, 3.882, 229.761



52, 37.105, 252.196



15, 15.452, 244.303

Previews

White Background



This preview shows how the CIELCh color 76, 31.455, 47.276 looks on a white background.

Color Contrast Check

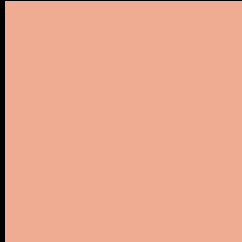
Large Text (above 18pt) WCAG AA × Fail

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 76, 31.455, 47.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

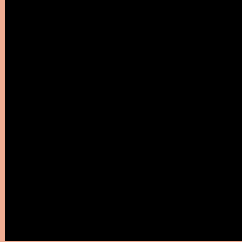
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 31.455, 47.276

Background



This preview shows how black text looks on a background with the CIELCh color 76, 31.455, 47.276.

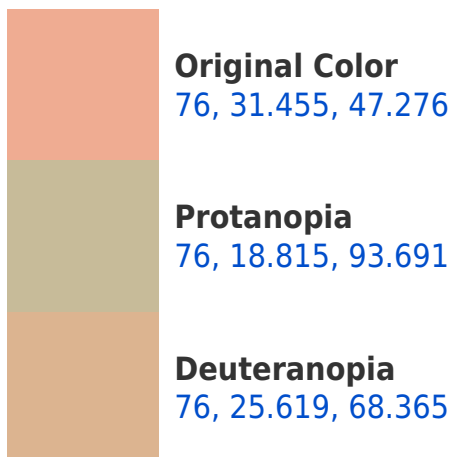



This preview shows how white text looks on a background with the CIELCh color 76, 31.455, 47.276.

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
76, 29.740, 8.792

Trichromacy



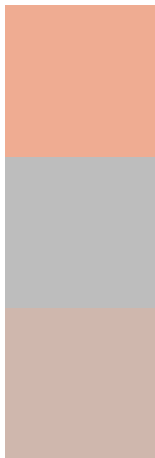
Original Color
76, 31.455, 47.276

Protanomaly
76, 21.667, 71.700

Deuteranomaly
76, 27.174, 59.227

Tritanomaly
76, 28.628, 22.971

Monochromacy



Original Color
76, 31.455, 47.276

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 10.753, 49.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 31.455, 47.276 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(239, 172, 146)` looks like.

```
.text, #text, p{  
    color:rgb(239, 172, 146)  
}
```

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(239, 172, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 172, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 31.455, 47.276 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(239, 172, 146) }
```

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

```
.border{ border-color:rgb(239, 172, 146) }
```

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

Here you see how a box with a 4 pixel rgb(239, 172, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 172, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 172, 146);  
box-shadow:4px 4px 4px 4px rgb(239, 172,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 31.455, 47.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 172, 146) }
```

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

```
.background{ background-color: rgb(239,  
172, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor