

Converting Colors

CIELCh(76, 38.236, 65.225)

Have a look what the booklet for
CIELCh(76, 38.236, 65.225) contains.

CIELCh(76, 38.095, 65.372)	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, 38.095, 65.372)

Conversions

Conversions Part 1

Format	Color
Hex	EBAF7C
RGB	235, 175, 124
RGB Percent	92%, 69%, 49%
CMY	0.0776, 0.3130, 0.5130
CMYK	0.00, 0.26, 0.47, 0.08
HSL	28°, 74%, 70%
HSV	28°, 47%, 92%
XYZ	53.3420, 49.8872, 25.9443
YIQ	187.1260, 52.1310, -3.1410

Conversions

Conversions Part 2

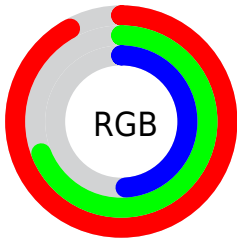
Format	Color
R _Y B	235, 218, 124
Decimal	15445884
CIE Lab	76.00, 15.88, 34.63
CIE LCh	76, 38.095, 65.372
Yxy	49.8872, 0.4129, 0.3862
Android (android.graphics.Color)	4293635964 (0xFFEBAF7C)
YUV	187.1260, -31.1211, 41.9855
Hunter-Lab	70.6309, 11.2030, 27.6631

Details

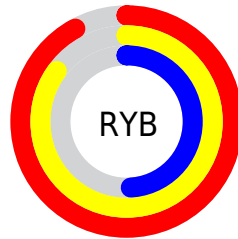
The CIELCh color **76, 38.095, 65.372** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73, 31.977, 259.497**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 29.317, 89.190**, and **56, 38.242, 64.865** is the 20% darker color. If you saturate the color by 10%, you get **73, 47.348, 64.215**, and if you desaturate by 10%, it is **79, 29.220, 66.536**.

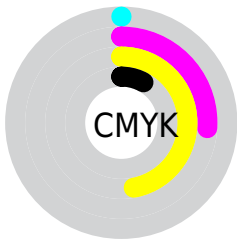
Distribution



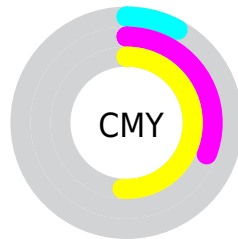
- Red (92%)
- Green (69%)
- Blue (49%)



- Red (92%)
- Yellow (85%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (47%)
- Black (8%)



- Cyan (8%)
- Magenta (31%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 38.095, 65.372 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, 38.095, 65.372 by changing the saturation by 10% instead.

 76, 38.095, 65.372

 76, 38.095, 65.372

 100, 38.095,
65.372

 66, 38.095, 65.372

 96, 38.095, 65.372

 56, 38.095, 65.372

 46, 38.095, 65.372

 36, 38.095, 65.372

 26, 38.095, 65.372

 16, 38.095, 65.372

 6, 38.095, 65.372

 0, 38.095, 65.372

 76, 38.095, 65.372

 76, 38.095, 65.372

73, 47.348, 64.215

79, 29.220, 66.536

69, 56.808, 63.012

83, 20.783, 67.701

66, 66.074, 61.664

87, 12.788, 68.863

64, 74.354, 59.940

90, 5.212, 69.984

61, 80.478, 57.467

94, 1.983, 251.457

60, 81.982, 56.750

98, 5.824, 217.249

99, 6.784, 199.074

Harmonies

Complementary

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



76, 38.095, 65.372



73, 31.977, 259.497

Rectangle

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



76, 38.095, 65.372



76, 38.095, 115.372



76, 38.095, 245.372



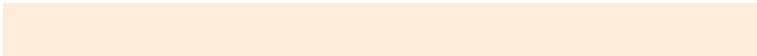
76, 38.095, 295.372

Sweetspot

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



76, 38.095, 65.377



94, 11.017, 69.224



66, 51.541, 345.698



50, 7.651, 68.976



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, 38.095, 65.377



78, 50.380, 64.210



90, 53.125, 103.322



47, 4.126, 69.741



47, 67.095, 57.437



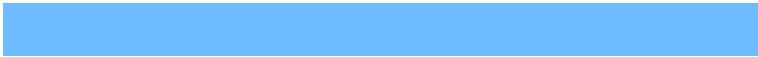
12, 22.237, 56.618

Inverse Universe

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



73, 31.977, 259.497



74, 40.608, 262.471



58, 59.752, 295.121



47, 4.011, 252.158



41, 51.373, 279.720



10, 19.189, 271.192

Previews

White Background



This preview shows how the CIELCh color 76, 38.095, 65.372 looks on a white background.

Color Contrast Check

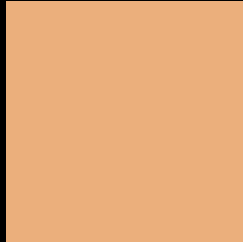
Large Text (above 18pt) WCAG AA × Fail

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, 38.095, 65.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

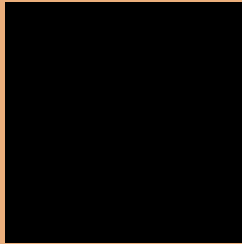
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 38.095, 65.372

Background



This preview shows how black text looks on a background with the CIELCh color 76, 38.095, 65.372.

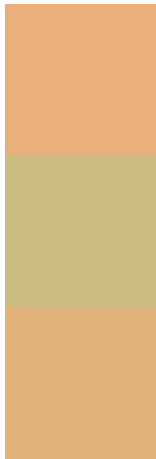


This preview shows how white text looks on a background with the CIELCh color 76, 38.095, 65.372.

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

76, 38.095, 65.372

Protanopia

76, 31.972, 95.951

Deuteranopia

76, 36.178, 74.562



Tritanopia
76, 28.563, 8.094

Trichromacy



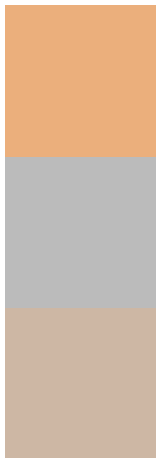
Original Color
76, 38.095, 65.372

Protanomaly
76, 32.959, 83.209

Deuteranomaly
76, 37.071, 71.481

Tritanomaly
76, 27.826, 33.678

Monochromacy



Original Color
76, 38.095, 65.372

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 13.415, 68.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 38.095, 65.372 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(235, 175, 124)` looks like.

```
.text, #text, p{  
    color:rgb(235, 175, 124)  
}
```

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(235, 175, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 175, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 38.095, 65.372 is called "border". The border property can be set on classes, ids or directly on the HTML element.

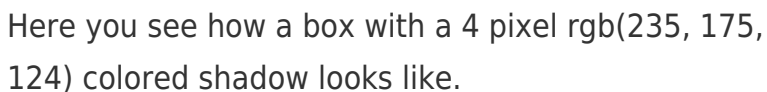
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 175, 124) }
```

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

```
.border{ border-color:rgb(235, 175, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 175, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 175, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 175, 124); box-shadow:4px 4px 4px 4px rgb(235, 175, 124) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 38.095, 65.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 175, 124) }
```

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

```
.background{ background-color: rgb(235,  
175, 124) }
```

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