

Converting Colors

CIELCh(76, 32.065, 49.351)

Have a look what the booklet for
CIELCh(76, 32.065, 49.351) contains.

CIELCh(76, 32.068, 48.814)	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, 32.068, 48.814)

Conversions

Conversions Part 1

Format	Color
Hex	EFAC90
RGB	239, 172, 144
RGB Percent	94%, 67%, 56%
CMY	0.0626, 0.3253, 0.4352
CMYK	0.00, 0.28, 0.40, 0.06
HSL	18°, 75%, 75%
HSV	18°, 40%, 94%
XYZ	55.4018, 49.8872, 33.1064
YIQ	188.8410, 48.9200, 5.4960

Conversions

Conversions Part 2

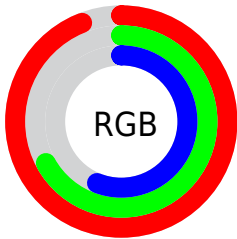
Format	Color
RYB	239, 184, 144
Decimal	15707280
CIELab	76.00, 21.12, 24.13
CIELCh	76, 32.068, 48.814
Yxy	49.8872, 0.4003, 0.3605
Android (android.graphics.Color)	4293897360 (0xFFEFAC90)
YUV	188.8410, -22.1066, 43.9894
Hunter-Lab	70.6309, 16.4087, 21.6510

Details

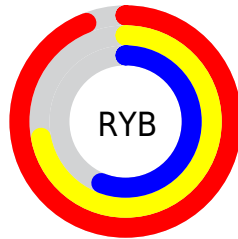
The CIELCh color $76, 32.068, 48.814$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $81, 24.842, 235.338$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 18.629, 75.346$, and $56, 32.284, 48.661$ is the 20% darker color. If you saturate the color by 10%, you get $72, 41.734, 48.554$, and if you desaturate by 10%, it is $80, 23.066, 49.205$.

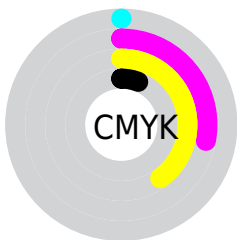
Distribution



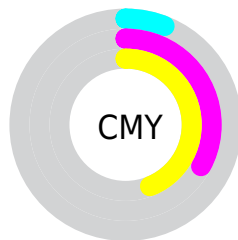
- Red (94%)
- Green (67%)
- Blue (56%)



- Red (94%)
- Yellow (72%)
- Blue (56%)



- Cyan (0%)
- Magenta (28%)
- Yellow (40%)
- Black (6%)



- Cyan (6%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 32.068, 48.814 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, 32.068, 48.814 by changing the saturation by 10% instead.

76, 32.068, 48.814

76, 32.068, 48.814

100, 32.068,
48.814

66, 32.068, 48.814

96, 32.068, 48.814

56, 32.068, 48.814

46, 32.068, 48.814

36, 32.068, 48.814

26, 32.068, 48.814

16, 32.068, 48.814

6, 32.068, 48.814

0, 32.068, 48.814

76, 32.068, 48.814

76, 32.068, 48.814

72, 41.734, 48.554

80, 23.066, 49.205

68, 52.017, 48.417

85, 14.721, 49.686

64, 62.742, 48.375

90, 6.990, 50.217

60, 73.468, 48.302

95, 0.182, 234.129

57, 83.213, 47.862

99, 5.491, 199.178

55, 90.647, 46.673

55, 90.828, 46.651

Harmonies

Complementary

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



76, 32.068, 48.814



81, 24.842, 235.338

Rectangle

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



76, 32.068, 48.814



76, 32.068, 98.814



76, 32.068, 228.814



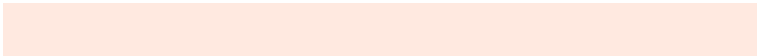
76, 32.068, 278.814

Sweetspot

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



76, 32.067, 48.820



94, 9.152, 50.095



72, 49.306, 336.554



49, 6.101, 50.025



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, 32.067, 48.820



77, 42.181, 48.588



87, 39.296, 94.580



48, 4.081, 50.231



42, 74.067, 47.194



11, 24.893, 41.726

Inverse Universe

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



81, 24.842, 235.338



83, 30.614, 236.946



69, 41.110, 285.618



48, 3.876, 231.697



51, 37.943, 255.113



14, 15.671, 247.017

Previews

White Background



This preview shows how the CIELCh color 76, 32.068, 48.814 looks on a white background.

Color Contrast Check

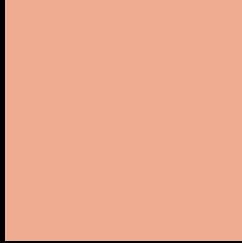
Large Text (above 18pt) WCAG AA × Fail

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 76, 32.068, 48.814 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, 32.068, 48.814

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.068, 48.814.

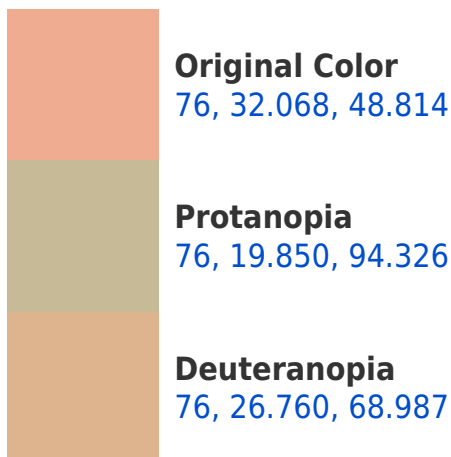



This preview shows how white text looks on a background with the CIELCh color 76, 32.068, 48.814.

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, 32.068, 48.814

Protanomaly
76, 22.561, 73.144

Deuteranomaly
76, 28.267, 60.176

Tritanomaly
76, 28.714, 24.015

Monochromacy



Original Color
76, 32.068, 48.814

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, 32.068, 48.814 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(239, 172, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 172, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.068, 48.814 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, 144) }
```

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

```
.border{ border-color:rgb(239, 172, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 172, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 172, 144);  
box-shadow:4px 4px 4px 4px rgb(239, 172,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.068, 48.814 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, 144) }
```

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

```
.background{ background-color: rgb(239,  
172, 144) }
```

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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