

Converting Colors

CIELCh(76, 25.225, 52.066)

Have a look what the booklet for
CIELCh(76, 25.225, 52.066) contains.

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Color

CIELCh(76, 25.087, 51.323)

Conversions

Conversions Part 1

Format	Color
Hex	E4B098
RGB	228, 176, 152
RGB Percent	89%, 69%, 60%
CMY	0.1054, 0.3093, 0.4034
CMYK	0.00, 0.23, 0.33, 0.11
HSL	19°, 59%, 75%
HSV	19°, 33%, 89%
XYZ	53.2654, 49.8872, 36.5805
YIQ	188.8120, 38.6960, 3.5600

Conversions

Conversions Part 2

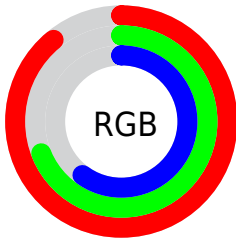
Format	Color
RYB	228, 187, 152
Decimal	14987416
CIELab	76.00, 15.68, 19.58
CIELCh	76, 25.087, 51.323
Yxy	49.8872, 0.3812, 0.3570
Android (android.graphics.Color)	4293177496 (0xFFE4B098)
YUV	188.8120, -18.1483, 34.3679
Hunter-Lab	70.6309, 11.0094, 18.7347

Details

The CIELCh color **76, 25.087, 51.323** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 20.576, 237.251**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 15.951, 76.189**, and **56, 25.041, 50.831** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.894, 50.855**, and if you desaturate by 10%, it is **80, 16.897, 51.895**.

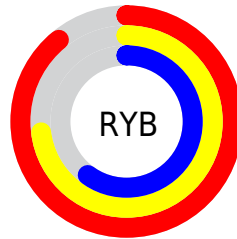
Distribution



Red (89%)

Green (69%)

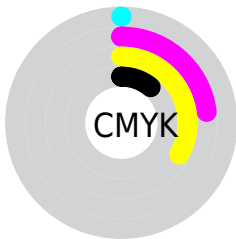
Blue (60%)



Red (89%)

Yellow (73%)

Blue (60%)

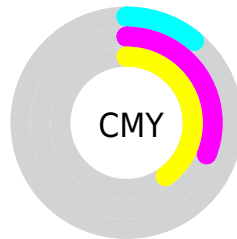


Cyan (0%)

Magenta (23%)

Yellow (33%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 25.087, 51.323 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, 25.087, 51.323 by changing the saturation by 10% instead.

 76, 25.087, 51.323

 76, 25.087, 51.323

 100, 25.087,
51.323

 66, 25.087, 51.323

 96, 25.087, 51.323

 56, 25.087, 51.323

 46, 25.087, 51.323

 36, 25.087, 51.323

 26, 25.087, 51.323

 16, 25.087, 51.323

 6, 25.087, 51.323

 0, 25.087, 51.323

 76, 25.087, 51.323

 76, 25.087, 51.323

72, 33.894, 50.855

80, 16.897, 51.895

68, 43.314, 50.486

85, 9.294, 52.519

64, 53.267, 50.218

89, 2.230, 53.038

61, 63.518, 49.990

94, 4.351, 234.152

57, 73.507, 49.623

98, 8.858, 201.664

55, 82.070, 48.698

98, 9.139, 198.900

53, 86.612, 47.745

Harmonies

Complementary

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



76, 25.087, 51.323



79, 20.576, 237.251

Rectangle

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



76, 25.087, 51.323



76, 25.087, 101.323



76, 25.087, 231.323



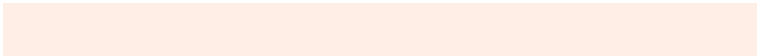
76, 25.087, 281.323

Sweetspot

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



76, 25.086, 51.330



95, 7.546, 52.724



72, 39.547, 336.737



50, 5.175, 52.636



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, 25.086, 51.330



81, 33.854, 50.990



85, 32.210, 96.477



46, 3.926, 52.761



42, 71.664, 48.296



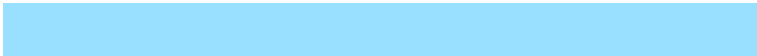
10, 22.091, 42.010

Inverse Universe

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



79, 20.576, 237.251



85, 26.450, 238.446



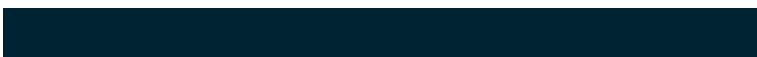
70, 33.529, 285.275



46, 3.738, 234.389



48, 38.403, 258.874



12, 14.984, 249.619

Previews

White Background



This preview shows how the CIELCh color 76, 25.087, 51.323 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, 25.087, 51.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

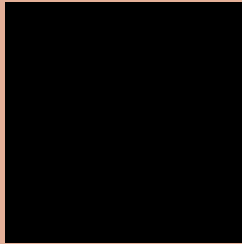
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 25.087, 51.323

Background



This preview shows how black text looks on a background with the CIELCh color 76, 25.087, 51.323.

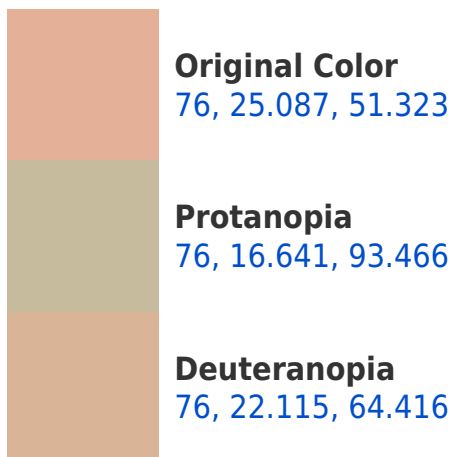


This preview shows how white text looks on a background with the CIELCh color 76, 25.087, 51.323.

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](#).

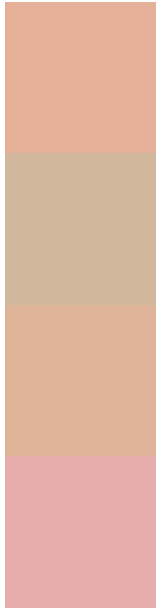
Dichromacy





Tritanopia
76, 24.432, 3.887

Trichromacy



Original Color
76, 25.087, 51.323

Protanomaly
76, 18.367, 74.135

Deuteranomaly
76, 23.305, 60.059

Tritanomaly
76, 22.764, 21.362

Monochromacy



Original Color
76, 25.087, 51.323

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 8.464, 50.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 25.087, 51.323 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(228, 176, 152)` looks like.

```
.text, #text, p{  
    color:rgb(228, 176, 152)  
}
```

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(228, 176, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 176, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 25.087, 51.323 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(228, 176, 152) }
```

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

```
.border{ border-color:rgb(228, 176, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 176, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 176, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 176, 152); box-shadow:4px 4px 4px 4px rgb(228, 176, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 25.087, 51.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 176, 152) }
```

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

```
.background{ background-color: rgb(228,  
176, 152) }
```

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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