

Converting Colors

CIELCh(76, 2.384, 74.368)

Have a look what the booklet for
CIELCh(76, 2.384, 74.368) contains.

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Color

CIELCh(76, 2.407, 82.156)

Conversions

Conversions Part 1

Format	Color
Hex	BEBBB7
RGB	190, 187, 183
RGB Percent	75%, 73%, 72%
CMY	0.2550, 0.2668, 0.2825
CMYK	0.00, 0.02, 0.04, 0.26
HSL	34°, 5%, 73%
HSV	34°, 4%, 74%
XYZ	47.5343, 49.8872, 51.9057
YIQ	187.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

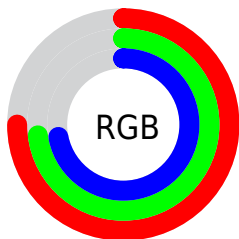
Format	Color
RYB	188, 190, 183
Decimal	12499895
CIELab	76.00, 0.33, 2.38
CIELCh	76, 2.407, 82.156
Yxy	49.8872, 0.3183, 0.3341
Android (android.graphics.Color)	4290689975 (0xFFBEBB7)
YUV	187.4410, -2.1894, 2.2442
Hunter-Lab	70.6309, -3.4744, 5.8702

Details

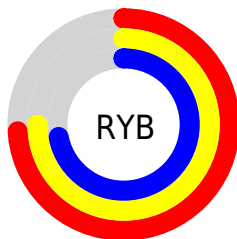
The CIELCh color $76, 2.407, 82.156$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 2.410, 263.374$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 2.288, 82.221$, and $56, 2.564, 82.027$ is the 20% darker color. If you saturate the color by 10%, you get $73, 9.116, 81.026$, and if you desaturate by 10%, it is $79, 4.081, 263.629$.

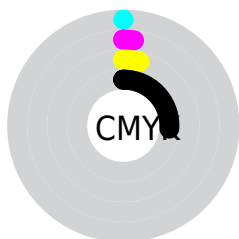
Distribution



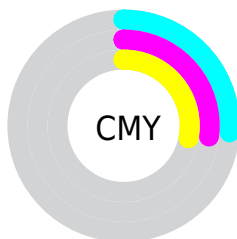
- Red (75%)
- Green (73%)
- Blue (72%)



- Red (74%)
- Yellow (75%)
- Blue (72%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (26%)



- Cyan (26%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 2.407, 82.156 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, 2.407, 82.156 by changing the saturation by 10% instead.

 76, 2.407, 82.156  76, 2.407, 82.156

 100, 2.407, 82.156  66, 2.407, 82.156

 96, 2.407, 82.156  56, 2.407, 82.156

 46, 2.407, 82.156

 36, 2.407, 82.156

 26, 2.407, 82.156

 16, 2.407, 82.156

 6, 2.407, 82.156

 0, 2.407, 82.156

 76, 2.407, 82.156  76, 2.407, 82.156

73, 9.116, 81.026

79, 4.081, 263.629

71, 16.058, 79.735

81, 10.368,
264.768

68, 23.236, 78.404

84, 16.473,
265.893

66, 30.631, 77.040

64, 38.181, 75.636

87, 20.599,
264.182

61, 45.744, 74.170

89, 18.421,
249.954

59, 53.031, 72.579

57, 59.508, 70.735

91, 17.577,
233.409

55, 64.369, 68.400

93, 18.212,
216.839

95, 20.149,
202.556

96, 21.109,
198.118

Harmonies

Complementary

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



76, 2.407, 82.156



75, 2.410, 263.374

Rectangle

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



76, 2.407, 82.156



76, 2.407, 132.156



76, 2.407, 262.156



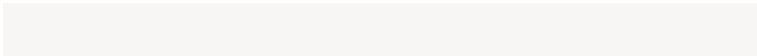
76, 2.407, 312.156

Sweetspot

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



76, 2.408, 82.203



97, 0.799, 82.202



75, 3.094, 347.589



52, 0.458, 82.184



99, 0.012, 296.813



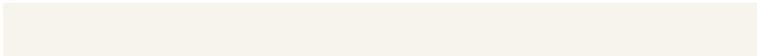
52, 0.007, 296.813

Same Dimension

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



76, 2.408, 82.203



96, 3.242, 82.167



77, 3.749, 112.480



39, 1.846, 82.106



45, 58.181, 67.280



6, 10.318, 67.983

Inverse Universe

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



75, 2.410, 263.374



95, 3.242, 263.412



75, 3.796, 293.129



39, 1.843, 263.478



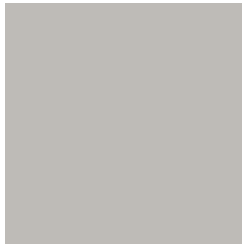
31, 57.357, 289.825



3, 12.390, 273.645

Previews

White Background



This preview shows how the CIELCh color 76, 2.407, 82.156 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, 2.407, 82.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

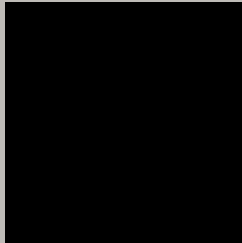
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

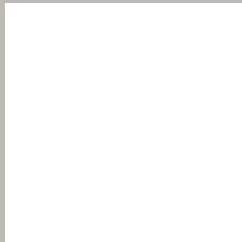
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 2.407, 82.156

Background



This preview shows how black text looks on a background with the CIELCh color 76, 2.407, 82.156.

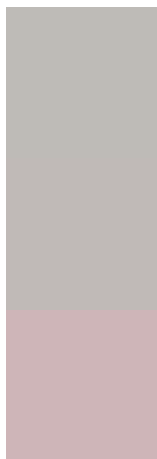


This preview shows how white text looks on a background with the CIELCh color 76, 2.407, 82.156.

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, 2.407, 82.156

Protanopia

76, 2.751, 55.158

Deuteranopia

76, 9.606, 10.548



Tritanopia
76, 7.996, 309.363

Trichromacy



Original Color
76, 2.407, 82.156

Protanomaly
76, 2.454, 60.278

Deuteranomaly
76, 6.433, 15.082

Tritanomaly
76, 4.219, 316.291

Monochromacy



Original Color
76, 2.407, 82.156

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 0.642, 74.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 2.407, 82.156 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(190, 187, 183)` looks like.

```
.text, #text, p{  
    color:rgb(190, 187, 183)  
}
```

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(190, 187, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 187, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 2.407, 82.156 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(190, 187, 183) }
```

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

```
.border{ border-color:rgb(190, 187, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 187, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 187, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 187, 183);  
box-shadow:4px 4px 4px 4px rgb(190, 187,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 2.407, 82.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 187, 183) }
```

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

```
.background{ background-color: rgb(190,  
187, 183) }
```

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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