

Converting Colors

CIELCh(76, 3.846, 92.493)

Have a look what the booklet for
CIELCh(76, 3.846, 92.493) contains.

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Color

CIELCh(76, 3.908, 93.014)

Conversions

Conversions Part 1

Format	Color
Hex	BEBBB4
RGB	190, 187, 180
RGB Percent	75%, 73%, 71%
CMY	0.2542, 0.2660, 0.2934
CMYK	0.00, 0.02, 0.05, 0.25
HSL	42°, 7%, 73%
HSV	42°, 5%, 75%
XYZ	47.3427, 49.8872, 50.4073
YIQ	187.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

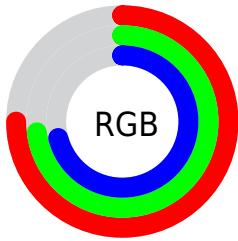
Format	Color
RYB	184, 190, 180
Decimal	12499892
CIELab	76.00, -0.21, 3.90
CIELCh	76, 3.908, 93.014
Yxy	49.8872, 0.3207, 0.3379
Android (android.graphics.Color)	4290689972 (0xFFBEBB4)
YUV	187.0990, -3.4998, 2.5442
Hunter-Lab	70.6309, -3.9587, 7.1280

Details

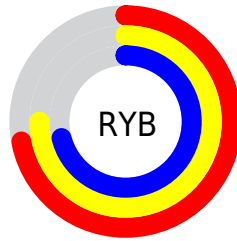
The CIELCh color **76, 3.908, 93.014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 3.928, 274.424**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 3.717, 93.136**, and **56, 4.160, 92.804** is the 20% darker color. If you saturate the color by 10%, you get **74, 11.459, 91.844**, and if you desaturate by 10%, it is **78, 3.510, 274.341**.

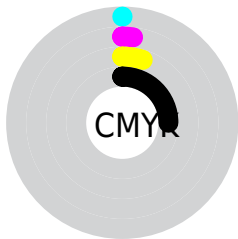
Distribution



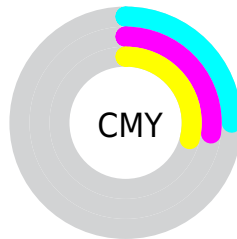
- Red (75%)
- Green (73%)
- Blue (71%)



- Red (72%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (25%)





- Cyan (25%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 3.908, 93.014 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, 3.908, 93.014 by changing the saturation by 10% instead.

 76, 3.908, 93.014  76, 3.908, 93.014

 100, 3.908, 93.014  66, 3.908, 93.014

 96, 3.908, 93.014  56, 3.908, 93.014

 46, 3.908, 93.014

 36, 3.908, 93.014

 26, 3.908, 93.014

 16, 3.908, 93.014

 6, 3.908, 93.014

 0, 3.908, 93.014

 76, 3.908, 93.014  76, 3.908, 93.014

74, 11.459, 91.844

78, 3.510, 274.341

72, 19.130, 90.577

80, 10.798,
275.438

70, 26.893, 89.268

82, 17.962,
276.518

69, 34.688, 87.920

67, 42.394, 86.532

84, 24.379,
277.065

65, 49.789, 85.086

86, 21.969,
269.954

63, 56.483, 83.544

62, 61.877, 81.822

87, 19.966,
261.342

60, 65.256, 79.782

89, 18.493,
251.186

90, 17.669,
239.787

92, 17.572,
227.870

Harmonies

Complementary

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



76, 3.908, 93.014



74, 3.928, 274.424

Rectangle

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



76, 3.908, 93.014



76, 3.908, 143.014



76, 3.908, 273.014



76, 3.908, 323.014

Sweetspot

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



76, 3.909, 93.040



97, 1.829, 93.342



74, 4.094, 356.332



52, 1.048, 93.347



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, 3.909, 93.040



96, 5.528, 92.946



77, 5.411, 117.646



39, 2.935, 92.895



50, 57.990, 79.144



8, 11.437, 83.150

Inverse Universe

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



74, 3.928, 274.424



94, 5.551, 274.524



74, 5.485, 298.352



38, 2.947, 274.579



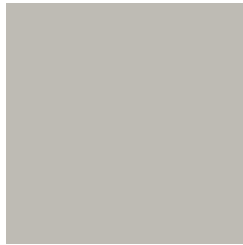
25, 71.174, 297.957



3, 13.833, 280.300

Previews

White Background



This preview shows how the CIELCh color 76, 3.908, 93.014 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, 3.908, 93.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

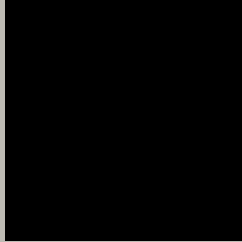
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

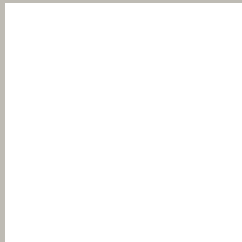
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 3.908, 93.014

Background



This preview shows how black text looks on a background with the CIELCh color 76, 3.908, 93.014.



This preview shows how white text looks on a background with the CIELCh color 76, 3.908, 93.014.

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, 3.908, 93.014

Protanopia

76, 4.185, 83.022

Deuteranopia

76, 10.303, 20.213



Tritanopia
76, 8.765, 312.779

Trichromacy



Original Color
76, 3.908, 93.014

Protanomaly
76, 4.031, 87.851

Deuteranomaly
76, 7.293, 28.352

Tritanomaly
76, 4.597, 324.586

Monochromacy



Original Color
76, 3.908, 93.014

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.125, 90.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 3.908, 93.014 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(190, 187, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 187, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 3.908, 93.014 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, 180) }
```

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

```
.border{ border-color:rgb(190, 187, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 187, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 187, 180);  
box-shadow:4px 4px 4px 4px rgb(190, 187,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 3.908, 93.014 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, 180) }
```

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

```
.background{ background-color: rgb(190,  
187, 180) }
```

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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