

Converting Colors

CIELCh(78, 2.226, 88.669)

Have a look what the booklet for
CIELCh(78, 2.226, 88.669) contains.

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Color

CIELCh(78, 2.246, 90.646)

Conversions

Conversions Part 1

Format	Color
Hex	C3C1BD
RGB	195, 193, 189
RGB Percent	76%, 76%, 74%
CMY	0.2366, 0.2444, 0.2601
CMYK	0.00, 0.01, 0.03, 0.24
HSL	40°, 5%, 75%
HSV	40°, 3%, 76%
XYZ	50.5669, 53.2120, 55.5634
YIQ	193.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

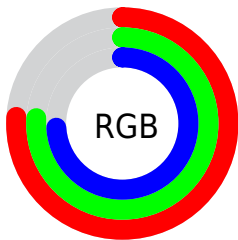
Format	Color
R_{YB}	192, 195, 189
Decimal	12829117
CIE _{Lab}	78.00, -0.03, 2.25
CIE _{LCh}	78, 2.246, 90.646
Yxy	53.2120, 0.3173, 0.3339
Android (android.graphics.Color)	4291019197 (0xFFC3C1BD)
YUV	193.1420, -2.0420, 1.6295
Hunter-Lab	72.9466, -3.9194, 5.9014

Details

The CIELCh color **78, 2.246, 90.646** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 2.262, 271.656**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 2.277, 82.225**, and **58, 2.290, 99.965** is the 20% darker color. If you saturate the color by 10%, you get **76, 9.673, 89.527**, and if you desaturate by 10%, it is **80, 5.023, 272.045**.

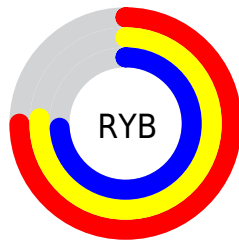
Distribution



Red (76%)

Green (76%)

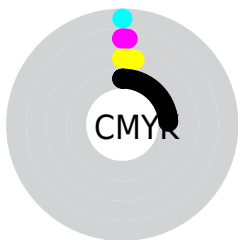
Blue (74%)



Red (75%)

Yellow (76%)

Blue (74%)

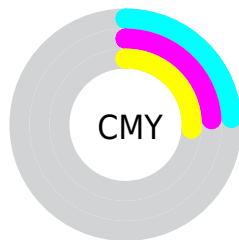


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 2.246, 90.646 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 78, 2.246, 90.646 by changing the saturation by 10% instead.

■ 78, 2.246, 90.646

■ 78, 2.246, 90.646

■ 100, 2.246, 90.646

■ 68, 2.246, 90.646

■ 98, 2.246, 90.646

■ 58, 2.246, 90.646

■ 48, 2.246, 90.646

■ 38, 2.246, 90.646

■ 28, 2.246, 90.646

■ 18, 2.246, 90.646

■ 8, 2.246, 90.646

■ 0, 2.246, 90.646

■ 78, 2.246, 90.646

■ 78, 2.246, 90.646

76, 9.673, 89.527

80, 5.023, 272.045

74, 17.253, 88.247

82, 12.143,
273.167

72, 24.970, 86.921

85, 19.123,
274.258

70, 32.780, 85.554

68, 40.589, 84.143

87, 20.363,
269.355

66, 48.210, 82.672

88, 18.201,
258.559

64, 55.304, 81.100

62, 61.308, 79.338

90, 16.819,
245.579

61, 65.464, 77.230

92, 16.392,
231.262

93, 16.972,
217.185

95, 18.442,
204.781

Harmonies

Complementary

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



78, 2.246, 90.646



77, 2.262, 271.656

Rectangle

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



78, 2.246, 90.646



78, 2.246, 140.646



78, 2.246, 270.646



78, 2.246, 320.646

Sweetspot

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



78, 2.247, 90.693



99, 0.892, 90.728



77, 2.479, 353.786



53, 0.511, 90.717



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 2.247, 90.693



98, 3.611, 90.598



78, 3.216, 116.488



40, 2.067, 90.532



50, 58.439, 76.028



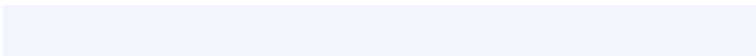
8, 12.518, 78.767

Inverse Universe

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



77, 2.262, 271.656



97, 3.628, 271.756



77, 3.255, 296.927



40, 2.074, 271.825



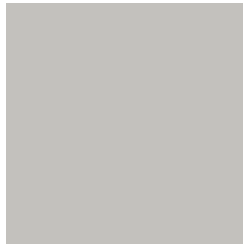
27, 68.537, 296.239



3, 15.086, 279.901

Previews

White Background



This preview shows how the CIELCh color 78, 2.246, 90.646 looks on a white background.

Color Contrast Check

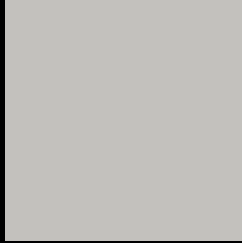
Large Text (above 18pt) WCAG AA × Fail

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 78, 2.246, 90.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

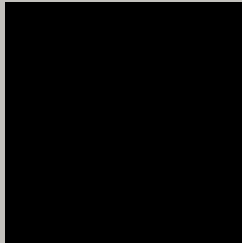
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

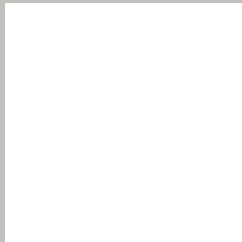
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 2.246, 90.646

Background



This preview shows how black text looks on a background with the CIELCh color 78, 2.246, 90.646.



This preview shows how white text looks on a background with the CIELCh color 78, 2.246, 90.646.

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


78, 2.246, 90.646

Protanopia

78, 2.817, 68.519

Deuteranopia

78, 9.545, 10.515



Tritanopia
78, 8.466, 308.217

Trichromacy



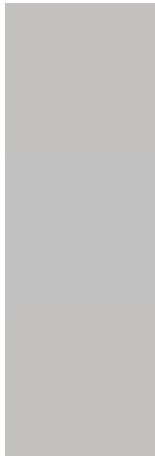
Original Color
78, 2.246, 90.646

Protanomaly
78, 2.587, 74.790

Deuteranomaly
78, 6.392, 15.060

Tritanomaly
78, 4.685, 313.442

Monochromacy



Original Color
78, 2.246, 90.646

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.118, 90.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 2.246, 90.646 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(195, 193, 189)` looks like.

```
.text, #text, p{  
    color:rgb(195, 193, 189)  
}
```

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(195, 193, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 193, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 2.246, 90.646 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(195, 193, 189) }
```

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

```
.border{ border-color:rgb(195, 193, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 193, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 193, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 193, 189);  
box-shadow:4px 4px 4px 4px rgb(195, 193,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 2.246, 90.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 193, 189) }
```

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

```
.background{ background-color: rgb(195,  
193, 189) }
```

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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