

Converting Colors

CIELCh(80, 1.053, 110.028)

Have a look what the booklet for
CIELCh(80, 1.053, 110.028) contains.

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Color

CIELCh(80, 1.054, 110.022)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6C4
RGB	198, 198, 196
RGB Percent	78%, 78%, 77%
CMY	0.2217, 0.2217, 0.2295
CMYK	0.00, 0.00, 0.01, 0.22
HSL	60°, 2%, 77%
HSV	60°, 1%, 78%
XYZ	53.7330, 56.6813, 60.6151
YIQ	197.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

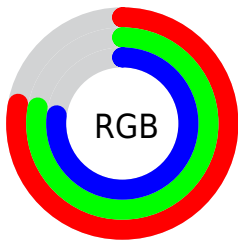
Format	Color
RYB	196, 198, 196
Decimal	13027012
CIELab	80.00, -0.36, 0.99
CIElCh	80, 1.054, 110.022
Yxy	56.6813, 0.3142, 0.3314
Android (android.graphics.Color)	4291217092 (0xFFC6C6C4)
YUV	197.7720, -0.8736, 0.2000
Hunter-Lab	75.2870, -4.3550, 4.9652

Details

The CIELCh color **80, 1.054, 110.022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 1.077, 290.402**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **60, 1.121, 110.005** is the 20% darker color. If you saturate the color by 10%, you get **80, 11.591, 109.192**, and if you desaturate by 10%, it is **81, 9.503, 291.093**.

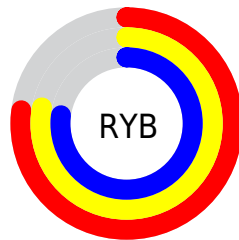
Distribution



Red (78%)

Green (78%)

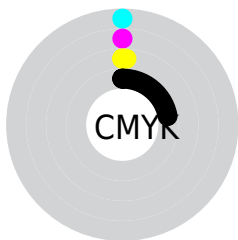
Blue (77%)



Red (77%)

Yellow (78%)

Blue (77%)

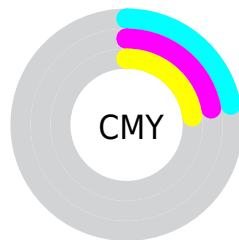


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 1.054, 110.022 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 80, 1.054, 110.022 by changing the saturation by 10% instead.

■ 80, 1.054, 110.022

■ 80, 1.054, 110.022

100, 1.054,
110.022

■ 70, 1.054, 110.022

■ 60, 1.054, 110.022

■ 50, 1.054, 110.022

■ 40, 1.054, 110.022

■ 30, 1.054, 110.022

■ 20, 1.054, 110.022

■ 10, 1.054, 110.022

■ 0, 1.054, 110.022

■ 80, 1.054, 110.022

■ 80, 1.054, 110.022

80, 11.591,
109.192

81, 9.503, 291.093

79, 22.052,
108.231

81, 20.050,
291.994

79, 32.358,
107.274

82, 30.024,
292.821

78, 42.388,
106.342

82, 30.024,
292.842

78, 51.950,
105.459

82, 30.024,
292.864

78, 60.759,
104.657

82, 30.025,
292.885

78, 68.412,
103.974

82, 30.025,
292.906

78, 74.416,
103.451

82, 30.025,
292.928

78, 78.334,

82, 30.025,
292.949

Harmonies

Complementary

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



80, 1.054, 110.022



79, 1.077, 290.402

Rectangle

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



80, 1.054, 110.022



80, 1.054, 160.022



80, 1.054, 290.022



80, 1.054, 340.022

Sweetspot

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



80, 1.056, 110.092

100, 0.012, 296.813



79, 0.737, 18.724



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



80, 1.056, 110.092



100, 1.282, 110.092



80, 1.122, 129.130



42, 0.594, 110.094



65, 69.400, 102.960



13, 20.290, 106.083

Inverse Universe

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



79, 1.077, 290.402



99, 1.308, 290.402



79, 1.142, 309.009



42, 0.606, 290.399



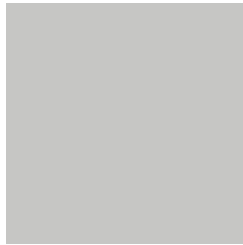
19, 95.819, 306.293



1, 21.510, 291.792

Previews

White Background



This preview shows how the CIELCh color 80, 1.054, 110.022 looks on a white background.

Color Contrast Check

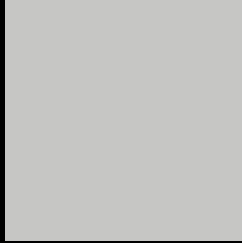
Large Text (above 18pt) WCAG AA × Fail

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 80, 1.054, 110.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

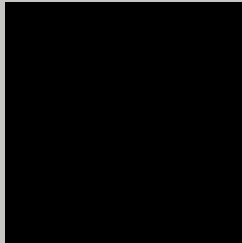
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

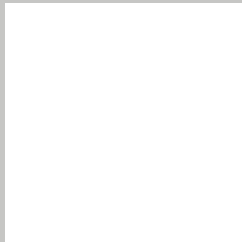
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 1.054, 110.022

Background



This preview shows how black text looks on a background with the CIELCh color 80, 1.054, 110.022.

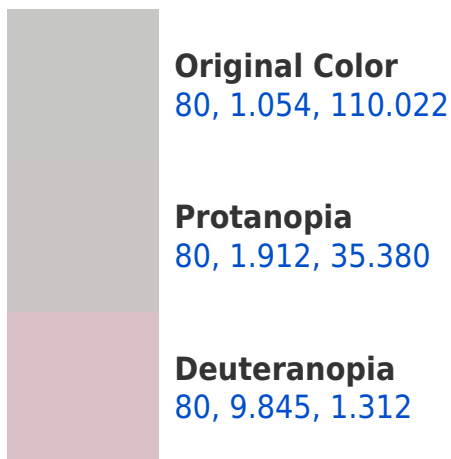


This preview shows how white text looks on a background with the CIELCh color 80, 1.054, 110.022.

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
80, 8.747, 302.697

Trichromacy



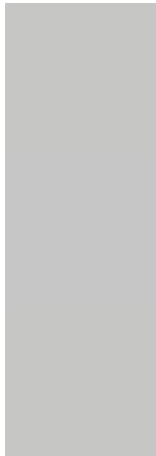
Original Color
80, 1.054, 110.022

Protanomaly
80, 1.519, 63.352

Deuteranomaly
80, 6.156, 4.820

Tritanomaly
80, 4.938, 303.272

Monochromacy



Original Color
80, 1.054, 110.022

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 0.522, 110.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 1.054, 110.022 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(198, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 196)  
}
```

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(198, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 1.054, 110.022 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(198, 198, 196) }
```

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

```
.border{ border-color:rgb(198, 198, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 1.054, 110.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 196) }
```

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

```
.background{ background-color: rgb(198,  
198, 196) }
```

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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