

Converting Colors

CIELCh(80, 5.995, 136.080)

Have a look what the booklet for
CIELCh(80, 5.995, 136.080) contains.

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Color

CIELCh(80, 6.572, 136.388)

Conversions

Conversions Part 1

Format	Color
Hex	C1C9BE
RGB	193, 201, 190
RGB Percent	76%, 79%, 75%
CMY	0.2440, 0.2126, 0.2558
CMYK	0.04, 0.00, 0.05, 0.21
HSL	104°, 9%, 77%
HSV	104°, 5%, 79%
XYZ	52.0366, 56.6813, 56.7831
YIQ	197.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

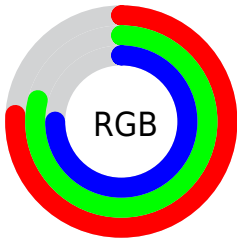
Format	Color
RYB	190, 201, 198
Decimal	12700094
CIELab	80.00, -4.76, 4.53
CIELCh	80, 6.572, 136.388
Yxy	56.6813, 0.3144, 0.3425
Android (android.graphics.Color)	4290890174 (0xFFC1C9BE)
YUV	197.3540, -3.6255, -3.8185
Hunter-Lab	75.2870, -8.3771, 7.9831

Details

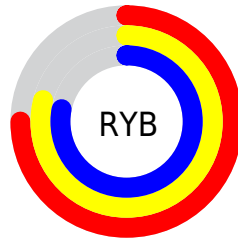
The CIELCh color **80, 6.572, 136.388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 6.614, 316.794**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.047, 134.564**, and **60, 6.473, 138.538** is the 20% darker color. If you saturate the color by 10%, you get **78, 18.665, 135.907**, and if you desaturate by 10%, it is **82, 5.408, 316.739**.

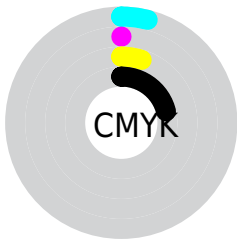
Distribution



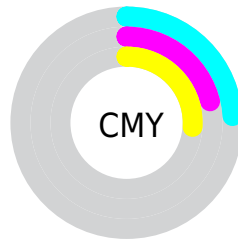
- Red (76%)
- Green (79%)
- Blue (75%)



- Red (75%)
- Yellow (79%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.572, 136.388 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, 6.572, 136.388 by changing the saturation by 10% instead.

■ 80, 6.572, 136.388

■ 80, 6.572, 136.388

■ 100, 6.572,
136.388

■ 70, 6.572, 136.388

■ 60, 6.572, 136.388

■ 50, 6.572, 136.388

■ 40, 6.572, 136.388

■ 30, 6.572, 136.388

■ 20, 6.572, 136.388

■ 10, 6.572, 136.388

■ 0, 6.572, 136.388

■ 80, 6.572, 136.388

■ 80, 6.572, 136.388

78, 18.665,
135.907

82, 5.408, 316.739

77, 30.767,
135.384

83, 17.210,
317.122

76, 42.740,
134.821

85, 28.786,
317.438

75, 54.393,
134.236

87, 33.336,
323.614

74, 65.460,
133.671

87, 34.010,
325.607

73, 75.579,
133.197

72, 84.284,
132.921

72, 91.057,
132.971

71, 95.520,

133.442

Harmonies

Complementary

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



80, 6.572, 136.388



78, 6.614, 316.794

Rectangle

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



80, 6.572, 136.388



80, 6.572, 186.388



80, 6.572, 316.388



80, 6.572, 6.388

Sweetspot

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



80, 6.574, 136.391



100, 2.901, 136.588



80, 4.331, 94.218



53, 1.649, 136.597



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 6.574, 136.391



99, 10.210, 136.313



80, 6.143, 150.820



41, 5.410, 136.294



59, 83.001, 133.515



11, 24.646, 138.061

Inverse Universe

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



78, 6.614, 316.794



95, 10.276, 316.869



78, 6.165, 331.408



40, 5.445, 316.887



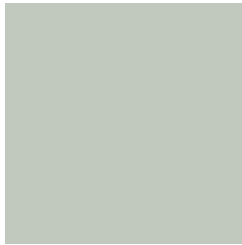
31, 85.293, 318.326



3, 23.770, 315.152

Previews

White Background



This preview shows how the CIELCh color 80, 6.572, 136.388 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 80, 6.572, 136.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

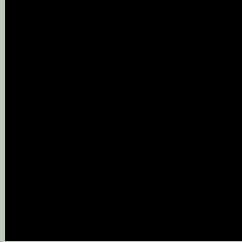
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

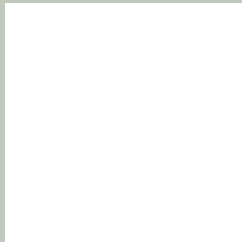
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.572, 136.388

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.572, 136.388.



This preview shows how white text looks on a background with the CIELCh color 80, 6.572, 136.388.

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

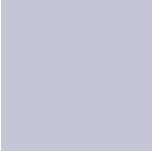
80, 6.572, 136.388

Protanopia

80, 5.436, 80.828

Deuteranopia

80, 10.564, 20.196



Tritanopia
80, 8.535, 288.572

Trichromacy



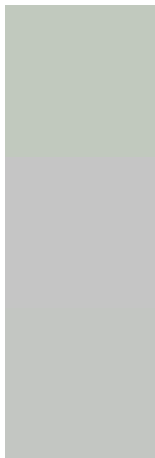
Original Color
80, 6.572, 136.388

Protanomaly
80, 4.826, 100.837

Deuteranomaly
80, 6.005, 40.397

Tritanomaly
80, 3.871, 274.357

Monochromacy



Original Color
80, 6.572, 136.388

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.402, 137.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.572, 136.388 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(193, 201, 190)` looks like.

```
.text, #text, p{  
    color:rgb(193, 201, 190)  
}
```

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(193, 201, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 201, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.572, 136.388 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(193, 201, 190) }
```

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

```
.border{ border-color:rgb(193, 201, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 201, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 201, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 201, 190); box-shadow:4px 4px 4px 4px rgb(193, 201, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.572, 136.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 201, 190) }
```

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

```
.background{ background-color: rgb(193,  
201, 190) }
```

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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