

Converting Colors

CIELCh(80, 7.304, 137.511)

Have a look what the booklet for
CIELCh(80, 7.304, 137.511) contains.

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Color

CIELCh(80, 7.220, 137.064)

Conversions

Conversions Part 1

Format	Color
Hex	C0C9BD
RGB	192, 201, 189
RGB Percent	75%, 79%, 74%
CMY	0.2469, 0.2116, 0.2587
CMYK	0.04, 0.00, 0.06, 0.21
HSL	105°, 10%, 76%
HSV	105°, 6%, 79%
XYZ	51.8355, 56.6813, 56.3767
YIQ	196.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

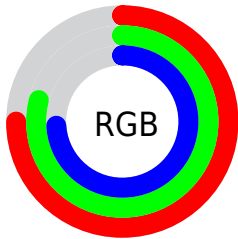
Format	Color
RYB	189, 201, 198
Decimal	12634557
CIELab	80.00, -5.29, 4.92
CIElCh	80, 7.220, 137.064
Yxy	56.6813, 0.3144, 0.3437
Android (android.graphics.Color)	4290824637 (0xFFC0C9BD)
YUV	196.9410, -3.9149, -4.3333
Hunter-Lab	75.2870, -8.8539, 8.3031

Details

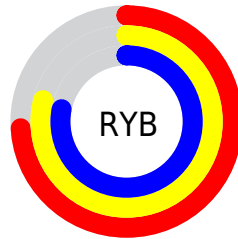
The CIELCh color `80, 7.220, 137.064` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 7.264, 317.522`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 5.662, 135.608`, and `60, 6.973, 136.299` is the 20% darker color. If you saturate the color by 10%, you get `78, 19.414, 136.572`, and if you desaturate by 10%, it is `82, 4.858, 317.419`.

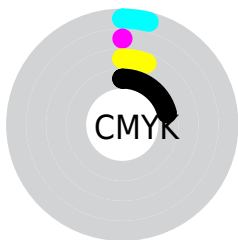
Distribution



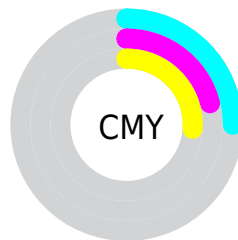
- Red (75%)
- Green (79%)
- Blue (74%)



- Red (74%)
- Yellow (79%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 7.220, 137.064 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, 7.220, 137.064 by changing the saturation by 10% instead.

■ 80, 7.220, 137.064

■ 80, 7.220, 137.064

■ 100, 7.220,
137.064

■ 70, 7.220, 137.064

■ 60, 7.220, 137.064

■ 50, 7.220, 137.064

■ 40, 7.220, 137.064

■ 30, 7.220, 137.064

■ 20, 7.220, 137.064

■ 10, 7.220, 137.064

■ 0, 7.220, 137.064

■ 80, 7.220, 137.064

■ 80, 7.220, 137.064

78, 19.414,
136.572

82, 4.858, 317.419

77, 31.613,
136.035

83, 16.752,
317.813

76, 43.673,
135.451

85, 28.412,
318.133

75, 55.394,
134.841

87, 33.368,
324.223

74, 66.499,
134.246

87, 33.838,
325.601

73, 76.615,
133.739

72, 85.265,
133.426

72, 91.927,
133.436

71, 96.245,

133.857

Harmonies

Complementary

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



80, 7.220, 137.064



78, 7.264, 317.522

Rectangle

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



80, 7.220, 137.064



80, 7.220, 187.064



80, 7.220, 317.064



80, 7.220, 7.064

Sweetspot

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



80, 7.222, 137.067



100, 2.920, 137.292



80, 4.896, 96.498



53, 1.660, 137.300



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, 7.222, 137.067



99, 10.277, 137.011



80, 6.544, 151.997



41, 5.445, 136.992



59, 83.380, 133.878



11, 24.801, 138.555

Inverse Universe

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



78, 7.264, 317.522



95, 10.339, 317.575



78, 6.570, 332.674



40, 5.479, 317.593



31, 84.967, 319.070



3, 23.972, 316.158

Previews

White Background



This preview shows how the CIELCh color 80, 7.220, 137.064 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, 7.220, 137.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

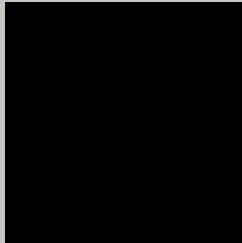
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

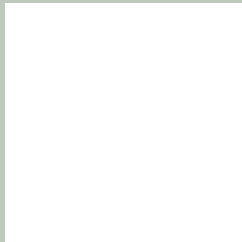
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 7.220, 137.064

Background



This preview shows how black text looks on a background with the CIELCh color 80, 7.220, 137.064.



This preview shows how white text looks on a background with the CIELCh color 80, 7.220, 137.064.

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](#).

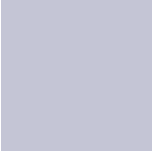
Dichromacy



Original Color
80, 7.220, 137.064

Protanopia
80, 5.909, 83.233

Deuteranopia
80, 10.599, 23.048



Tritanopia
80, 8.535, 288.572

Trichromacy



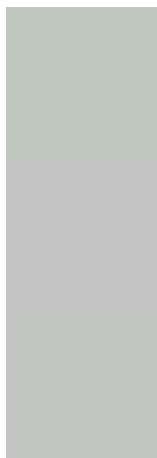
Original Color
80, 7.220, 137.064

Protanomaly
80, 5.352, 101.655

Deuteranomaly
80, 6.221, 44.927

Tritanomaly
80, 3.364, 271.749

Monochromacy



Original Color
80, 7.220, 137.064

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, 7.220, 137.064 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(192, 201, 189)` looks like.

```
.text, #text, p{  
    color:rgb(192, 201, 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(192, 201, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 201, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 7.220, 137.064 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(192, 201, 189) }
```

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

```
.border{ border-color:rgb(192, 201, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 201, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 201, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 201, 189);  
box-shadow:4px 4px 4px 4px rgb(192, 201,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 7.220, 137.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 201, 189) }
```

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

```
.background{ background-color: rgb(192,  
201, 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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