

Converting Colors

CIELCh(80, 8.367, 15.755)

Have a look what the booklet for
CIELCh(80, 8.367, 15.755) contains.

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Color

CIELCh(80, 8.637, 16.520)

Conversions

Conversions Part 1

Format	Color
Hex	D8C1C2
RGB	216, 193, 194
RGB Percent	85%, 76%, 76%
CMY	0.1526, 0.2428, 0.2389
CMYK	0.00, 0.11, 0.10, 0.15
HSL	357°, 23%, 80%
HSV	357°, 11%, 85%
XYZ	57.1733, 56.6813, 59.0096
YIQ	199.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

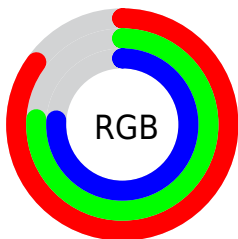
Format	Color
R _Y B	216, 193, 194
Decimal	14205378
CIE Lab	80.00, 8.28, 2.46
CIE LCh	80, 8.637, 16.520
Yxy	56.6813, 0.3307, 0.3279
Android (android.graphics.Color)	4292395458 (0xFFD8C1C2)
YUV	199.9910, -2.9536, 14.0399
Hunter-Lab	75.2870, 3.8014, 6.2296

Details

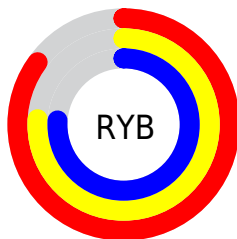
The CIELCh color **80, 8.637, 16.520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 8.116, 195.179**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 2.180, 5.747**, and **60, 8.814, 16.611** is the 20% darker color. If you saturate the color by 10%, you get **74, 17.369, 17.499**, and if you desaturate by 10%, it is **86, 0.505, 14.706**.

Distribution



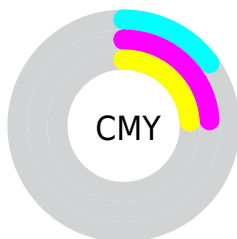
- Red (85%)
- Green (76%)
- Blue (76%)



- Red (85%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (10%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 8.637, 16.520 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, 8.637, 16.520 by changing the saturation by 10% instead.

 80, 8.637, 16.520

 80, 8.637, 16.520

 100, 8.637, 16.520

 70, 8.637, 16.520

 60, 8.637, 16.520

 50, 8.637, 16.520

 40, 8.637, 16.520

 30, 8.637, 16.520

 20, 8.637, 16.520

 10, 8.637, 16.520

 0, 8.637, 16.520

 80, 8.637, 16.520

 80, 8.637, 16.520

74, 17.369, 17.499

86, 0.505, 14.706

69, 26.696, 18.693

92, 7.049, 195.328

63, 36.542, 20.212

97, 13.068,
198.633

58, 46.753, 22.168

54, 57.074, 24.681

50, 67.172, 27.845

48, 76.648, 31.623

46, 84.902, 35.628

45, 90.520, 38.570

Harmonies

Complementary

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



80, 8.637, 16.520



85, 8.116, 195.179

Rectangle

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



80, 8.637, 16.520



80, 8.637, 66.520



80, 8.637, 196.520



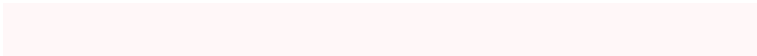
80, 8.637, 246.520

Sweetspot

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



80, 8.635, 16.533



98, 2.708, 15.774



81, 14.605, 323.629



52, 2.059, 15.884



0, 0.000, 0.000



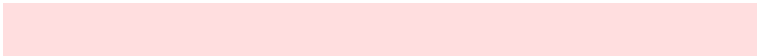
53, 0.007, 296.813

Same Dimension

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



80, 8.635, 16.533



91, 12.175, 16.758



83, 7.220, 68.545



42, 4.552, 16.423



35, 75.533, 38.114



5, 21.971, 17.836

Inverse Universe

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



80, 8.635, 16.533



91, 12.175, 16.758



82, 6.978, 251.200



42, 4.552, 16.423



35, 75.533, 38.114



5, 21.971, 17.836

Previews

White Background



This preview shows how the CIELCh color 80, 8.637, 16.520 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, 8.637, 16.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

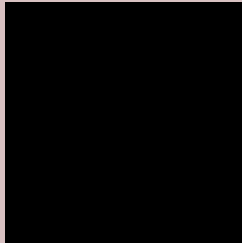
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 8.637, 16.520

Background



This preview shows how black text looks on a background with the CIELCh color 80, 8.637, 16.520.



This preview shows how white text looks on a background with the CIELCh color 80, 8.637, 16.520.

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, 8.637, 16.520

Protanopia

80, 1.558, 39.076

Deuteranopia

80, 10.197, 14.221



Tritanopia
80, 12.751, 341.737

Trichromacy



Original Color
80, 8.637, 16.520

Protanomaly
80, 4.077, 19.590

Deuteranomaly
80, 9.817, 13.954

Tritanomaly
80, 10.677, 350.432

Monochromacy



Original Color
80, 8.637, 16.520

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 3.368, 10.444

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 8.637, 16.520 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(216, 193, 194)` looks like.

```
.text, #text, p{  
    color:rgb(216, 193, 194)  
}
```

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(216, 193, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 193, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 8.637, 16.520 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(216, 193, 194) }
```

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

```
.border{ border-color:rgb(216, 193, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 193, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 193, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 193, 194);  
box-shadow:4px 4px 4px 4px rgb(216, 193,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 8.637, 16.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 193, 194) }
```

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

```
.background{ background-color: rgb(216,  
193, 194) }
```

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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