

Converting Colors

CIELCh(80, 6.563, 37.515)

Have a look what the booklet for
CIELCh(80, 6.563, 37.515) contains.

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Color

CIELCh(80, 6.724, 38.155)

Conversions

Conversions Part 1

Format	Color
Hex	D4C3BF
RGB	212, 195, 191
RGB Percent	83%, 76%, 75%
CMY	0.1693, 0.2359, 0.2516
CMYK	0.00, 0.08, 0.10, 0.17
HSL	11°, 20%, 79%
HSV	11°, 10%, 83%
XYZ	55.9655, 56.6813, 57.1852
YIQ	199.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

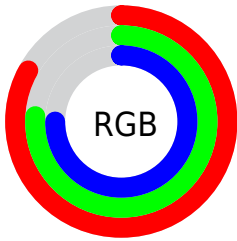
Format	Color
RYB	212, 196, 191
Decimal	13943743
CIELab	80.00, 5.29, 4.15
CIElCh	80, 6.724, 38.155
Yxy	56.6813, 0.3295, 0.3337
Android (android.graphics.Color)	4292133823 (0xFFD4C3BF)
YUV	199.6270, -4.2531, 10.8511
Hunter-Lab	75.2870, 0.9380, 7.6664

Details

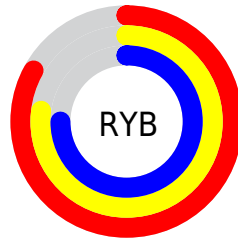
The CIELCh color **80, 6.724, 38.155** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 6.317, 218.729**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.732, 87.135**, and **60, 6.624, 34.670** is the 20% darker color. If you saturate the color by 10%, you get **75, 14.078, 38.178**, and if you desaturate by 10%, it is **85, 0.061, 227.828**.

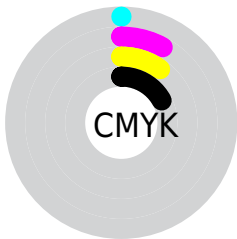
Distribution



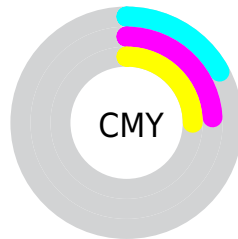
- Red (83%)
- Green (76%)
- Blue (75%)



- Red (83%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.724, 38.155 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, 6.724, 38.155 by changing the saturation by 10% instead.

80, 6.724, 38.155

80, 6.724, 38.155

100, 6.724, 38.155

70, 6.724, 38.155

60, 6.724, 38.155

50, 6.724, 38.155

40, 6.724, 38.155

30, 6.724, 38.155

20, 6.724, 38.155

10, 6.724, 38.155

0, 6.724, 38.155

80, 6.724, 38.155

80, 6.724, 38.155

75, 14.078, 38.178

85, 0.061, 227.828

70, 22.053, 38.286

90, 6.326, 218.714

66, 30.677, 38.561

95, 12.134,
218.947

62, 39.945, 39.046

97, 14.421,
198.544

58, 49.790, 39.774

54, 60.034, 40.741

51, 70.276, 41.840

48, 79.612, 42.717

46, 86.804, 43.002

Harmonies

Complementary

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



80, 6.724, 38.155



82, 6.317, 218.729

Rectangle

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



80, 6.724, 38.155



80, 6.724, 88.155



80, 6.724, 218.155



80, 6.724, 268.155

Sweetspot

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



80, 6.723, 38.175



98, 2.299, 38.065



79, 11.965, 330.534



52, 1.749, 38.113



0, 0.000, 0.000



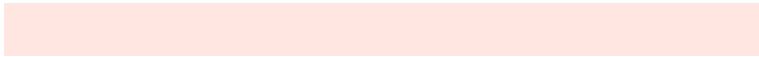
53, 0.007, 296.813

Same Dimension

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



80, 6.723, 38.175



93, 9.549, 38.172



83, 7.948, 91.186



42, 3.877, 38.175



37, 73.653, 43.358



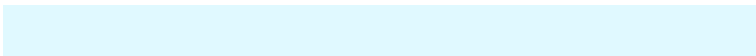
6, 19.521, 30.157

Inverse Universe

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



82, 6.317, 218.729



96, 8.839, 218.785



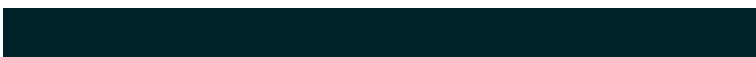
80, 7.959, 273.750



44, 3.655, 218.719



53, 32.402, 233.286



12, 12.653, 225.738

Previews

White Background



This preview shows how the CIELCh color 80, 6.724, 38.155 looks on a white background.

Color Contrast Check

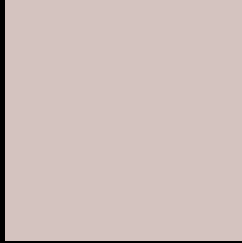
Large Text (above 18pt) WCAG AA × Fail

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, 6.724, 38.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

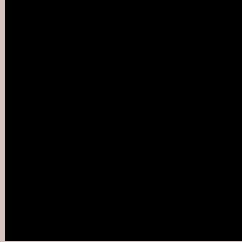
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 6.724, 38.155

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.724, 38.155.



This preview shows how white text looks on a background with the CIELCh color 80, 6.724, 38.155.

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, 6.724, 38.155

Protanopia

80, 3.670, 79.412

Deuteranopia

80, 10.599, 23.048



Tritanopia
80, 11.371, 335.715

Trichromacy



Original Color
80, 6.724, 38.155

Protanomaly
80, 4.263, 57.941

Deuteranomaly
80, 9.115, 26.713

Tritanomaly
80, 8.543, 350.214

Monochromacy



Original Color
80, 6.724, 38.155

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.635, 31.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.724, 38.155 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(212, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(212, 195, 191)  
}
```

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(212, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 195, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.724, 38.155 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(212, 195, 191) }
```

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

```
.border{ border-color:rgb(212, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(212, 195,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.724, 38.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 195, 191) }
```

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

```
.background{ background-color: rgb(212,  
195, 191) }
```

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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