

Converting Colors

CIELCh(80, 6.347, 12.063)

Have a look what the booklet for
CIELCh(80, 6.347, 12.063) contains.

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Color

CIELCh(80, 6.417, 10.320)

Conversions

Conversions Part 1

Format	Color
Hex	D3C2C4
RGB	211, 194, 196
RGB Percent	83%, 76%, 77%
CMY	0.1709, 0.2376, 0.2298
CMYK	0.00, 0.08, 0.07, 0.17
HSL	353°, 16%, 80%
HSV	353°, 8%, 83%
XYZ	56.3775, 56.6813, 60.4393
YIQ	199.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

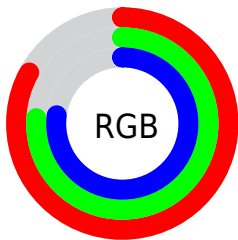
Format	Color
R _Y B	211, 194, 196
Decimal	13877956
CIE Lab	80.00, 6.31, 1.15
CIE LCh	80, 6.417, 10.320
Yxy	56.6813, 0.3249, 0.3267
Android (android.graphics.Color)	4292068036 (0xFFD3C2C4)
YUV	199.3110, -1.6323, 10.2513
Hunter-Lab	75.2870, 1.9148, 5.1037

Details

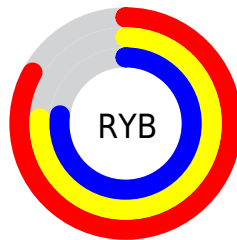
The CIELCh color **80, 6.417, 10.320** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 6.166, 189.186**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.345, 338.589**, and **60, 6.438, 9.939** is the 20% darker color. If you saturate the color by 10%, you get **74, 14.851, 11.384**, and if you desaturate by 10%, it is **86, 1.508, 189.956**.

Distribution



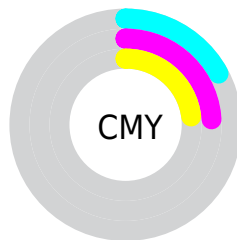
- Red (83%)
- Green (76%)
- Blue (77%)



- Red (83%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.417, 10.320 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, 6.417, 10.320 by changing the saturation by 10% instead.

80, 6.417, 10.320

80, 6.417, 10.320

100, 6.417, 10.320

70, 6.417, 10.320

60, 6.417, 10.320

50, 6.417, 10.320

40, 6.417, 10.320

30, 6.417, 10.320

20, 6.417, 10.320

10, 6.417, 10.320

0, 6.417, 10.320

80, 6.417, 10.320

80, 6.417, 10.320

74, 14.851, 11.384

86, 1.508, 189.956

69, 23.777, 12.619

92, 8.932, 188.945

63, 33.113, 14.142

97, 14.715,
193.287

58, 42.699, 16.057

97, 14.551,
198.536

54, 52.284, 18.490

50, 61.544, 21.578

47, 70.155, 25.412

45, 77.859, 29.912

44, 84.413, 34.566

Harmonies

Complementary

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



80, 6.417, 10.320



83, 6.166, 189.186

Rectangle

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



80, 6.417, 10.320



80, 6.417, 60.320



80, 6.417, 190.320



80, 6.417, 240.320

Sweetspot

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



80, 6.415, 10.335



99, 1.824, 9.552



80, 10.556, 321.120



53, 1.037, 9.526



0, 0.000, 0.000



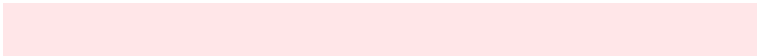
53, 0.007, 296.813

Same Dimension

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



80, 6.415, 10.335



93, 9.348, 10.544



82, 5.181, 58.999



41, 4.505, 10.473



35, 71.597, 34.565



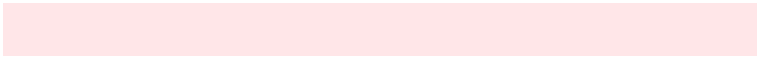
4, 20.075, 14.002

Inverse Universe

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



80, 6.415, 10.335



93, 9.348, 10.544



82, 5.002, 240.719



41, 4.505, 10.473



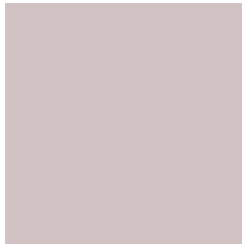
35, 71.597, 34.565



4, 20.075, 14.002

Previews

White Background



This preview shows how the CIELCh color 80, 6.417, 10.320 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, 6.417, 10.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

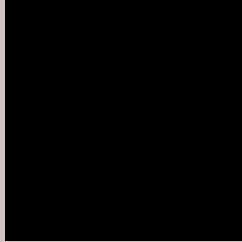
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

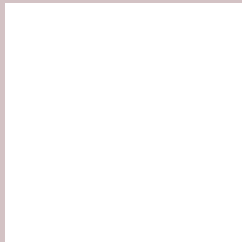
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.417, 10.320

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.417, 10.320.



This preview shows how white text looks on a background with the CIELCh color 80, 6.417, 10.320.

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, 6.417, 10.320

Protanopia

80, 1.922, 3.204

Deuteranopia

80, 10.065, 4.921



Tritanopia
80, 10.855, 332.918

Trichromacy



Original Color
80, 6.417, 10.320

Protanomaly
80, 3.372, 10.446

Deuteranomaly
80, 8.837, 6.189

Tritanomaly
80, 8.511, 341.396

Monochromacy



Original Color
80, 6.417, 10.320

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 2.276, 5.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.417, 10.320 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(211, 194, 196)` looks like.

```
.text, #text, p{  
    color:rgb(211, 194, 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(211, 194, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 194, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.417, 10.320 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(211, 194, 196) }
```

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

```
.border{ border-color:rgb(211, 194, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 194, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 194, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 194, 196);  
box-shadow:4px 4px 4px 4px rgb(211, 194,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.417, 10.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 194, 196) }
```

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

```
.background{ background-color: rgb(211,  
194, 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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