

Converting Colors

CIELCh(80, 17.270, 61.726)

Have a look what the booklet for
CIELCh(80, 17.270, 61.726) contains.

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Color

CIELCh(80, 17.209, 60.185)

Conversions

Conversions Part 1

Format	Color
Hex	E1C0AB
RGB	225, 192, 171
RGB Percent	88%, 75%, 67%
CMY	0.1174, 0.2468, 0.3292
CMYK	0.00, 0.15, 0.24, 0.12
HSL	23°, 47%, 78%
HSV	23°, 24%, 88%
XYZ	57.2854, 56.6813, 46.4756
YIQ	199.4730, 26.4090, 0.4650

Conversions

Conversions Part 2

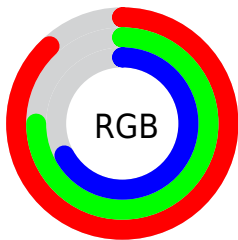
Format	Color
R _Y B	225, 205, 171
Decimal	14794923
CIE Lab	80.00, 8.56, 14.93
CIE LCh	80, 17.209, 60.185
Yxy	56.6813, 0.3570, 0.3533
Android (android.graphics.Color)	4292985003 (0xFFE1C0AB)
YUV	199.4730, -14.0372, 22.3872
Hunter-Lab	75.2870, 4.0674, 16.1004

Details

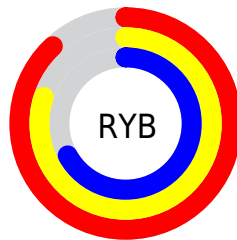
The CIELCh color $80, 17.209, 60.185$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80, 15.410, 245.619$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 11.462, 96.437$, and $60, 17.113, 60.960$ is the 20% darker color. If you saturate the color by 10%, you get $76, 25.211, 59.280$, and if you desaturate by 10%, it is $84, 9.712, 61.132$.

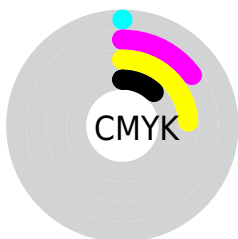
Distribution



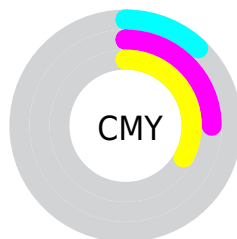
- Red (88%)
- Green (75%)
- Blue (67%)



- Red (88%)
- Yellow (80%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (12%)



- Cyan (12%)
- Magenta (25%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 17.209, 60.185 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, 17.209, 60.185 by changing the saturation by 10% instead.

 80, 17.209, 60.185

 80, 17.209, 60.185

 100, 17.209,
60.185

 70, 17.209, 60.185

 60, 17.209, 60.185

 50, 17.209, 60.185

 40, 17.209, 60.185

 30, 17.209, 60.185

 20, 17.209, 60.185

 10, 17.209, 60.185

 0, 17.209, 60.185

 80, 17.209, 60.185

 80, 17.209, 60.185

76, 25.211, 59.280

84, 9.712, 61.132

72, 33.740, 58.409

88, 2.682, 61.980

69, 42.780, 57.586

92, 3.928, 243.280

65, 52.234, 56.792

96, 8.413, 228.046

62, 61.840, 55.953

98, 10.154,
198.830

59, 71.006, 54.884

56, 78.613, 53.194

55, 82.282, 51.922

Harmonies

Complementary

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



80, 17.209, 60.185



80, 15.410, 245.619

Rectangle

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



80, 17.209, 60.185



80, 17.209, 110.185



80, 17.209, 240.185



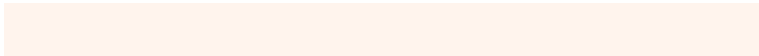
80, 17.209, 290.185

Sweetspot

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



80, 17.209, 60.195



97, 5.256, 61.760



76, 26.637, 339.744



51, 3.422, 61.708



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, 17.209, 60.195



87, 23.420, 59.714



87, 24.873, 102.394



45, 3.874, 61.551



43, 68.085, 52.557



10, 20.083, 48.170

Inverse Universe

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



80, 15.410, 245.619



88, 20.407, 246.488



73, 25.927, 288.032



45, 3.725, 243.659



44, 43.509, 270.598



10, 15.864, 260.554

Previews

White Background



This preview shows how the CIELCh color 80, 17.209, 60.185 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, 17.209, 60.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

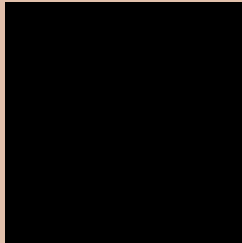
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 17.209, 60.185

Background



This preview shows how black text looks on a background with the CIELCh color 80, 17.209, 60.185.



This preview shows how white text looks on a background with the CIELCh color 80, 17.209, 60.185.

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, 17.209, 60.185

Protanopia

80, 13.289, 92.114

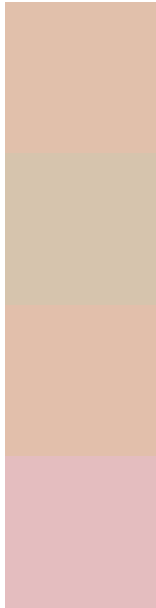
Deuteranopia

80, 17.827, 56.510



Tritanopia
80, 16.956, 354.908

Trichromacy



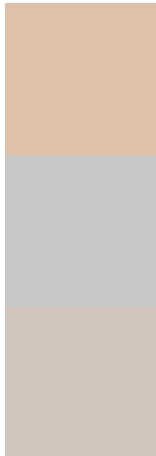
Original Color
80, 17.209, 60.185

Protanomaly
80, 14.085, 79.249

Deuteranomaly
80, 17.502, 57.277

Tritanomaly
80, 14.848, 16.511

Monochromacy



Original Color
80, 17.209, 60.185

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 6.181, 62.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 17.209, 60.185 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(225, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(225, 192, 171)  
}
```

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(225, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 192, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 17.209, 60.185 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(225, 192, 171) }
```

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

```
.border{ border-color:rgb(225, 192, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 192, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(225, 192,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 17.209, 60.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 192, 171) }
```

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

```
.background{ background-color: rgb(225,  
192, 171) }
```

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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