

Converting Colors

CIELCh(80, 18.141, 59.381)

Have a look what the booklet for
CIELCh(80, 18.141, 59.381) contains.

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Color

CIELCh(80, 18.197, 59.749)

Conversions

Conversions Part 1

Format	Color
Hex	E3C0AA
RGB	227, 192, 170
RGB Percent	89%, 75%, 67%
CMY	0.1114, 0.2486, 0.3348
CMYK	0.00, 0.15, 0.25, 0.11
HSL	23°, 50%, 78%
HSV	23°, 25%, 89%
XYZ	57.5345, 56.6813, 45.7499
YIQ	199.9570, 27.9220, 0.5780

Conversions

Conversions Part 2

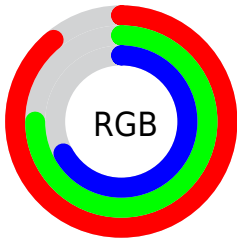
Format	Color
R _Y B	227, 206, 170
Decimal	14925994
CIE Lab	80.00, 9.17, 15.72
CIE LCh	80, 18.197, 59.749
Yxy	56.6813, 0.3597, 0.3543
Android (android.graphics.Color)	4293116074 (0xFFE3C0AA)
YUV	199.9570, -14.7688, 23.7167
Hunter-Lab	75.2870, 4.6578, 16.6720

Details

The CIELCh color $80, 18.197, 59.749$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80, 16.178, 245.428$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 11.959, 96.923$, and $60, 18.176, 60.407$ is the 20% darker color. If you saturate the color by 10%, you get $76, 26.307, 58.860$, and if you desaturate by 10%, it is $84, 10.602, 60.684$.

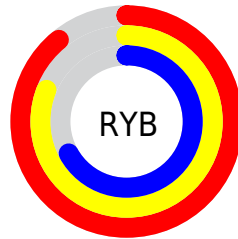
Distribution



Red (89%)

Green (75%)

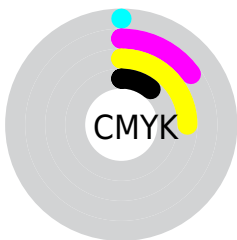
Blue (67%)



Red (89%)

Yellow (81%)

Blue (67%)

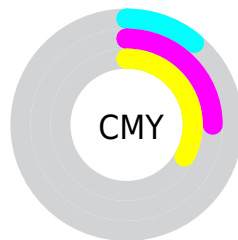


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (11%)



Cyan (11%)

Magenta (25%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 18.197, 59.749 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, 18.197, 59.749 by changing the saturation by 10% instead.

 80, 18.197, 59.749

 80, 18.197, 59.749

 100, 18.197,
59.749

 70, 18.197, 59.749

 60, 18.197, 59.749

 50, 18.197, 59.749


 40, 18.197, 59.749

 30, 18.197, 59.749

 20, 18.197, 59.749

 10, 18.197, 59.749

 0, 18.197, 59.749

 80, 18.197, 59.749

 80, 18.197, 59.749

76, 26.307, 58.860

84, 10.602, 60.684

72, 34.953, 58.008

88, 3.484, 61.558

69, 44.110, 57.207

92, 3.203, 242.838

65, 53.670, 56.431

96, 7.981, 228.956

62, 63.339, 55.600

98, 9.648, 198.865

59, 72.471, 54.506

56, 79.871, 52.731

55, 82.850, 51.723

Harmonies

Complementary

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



80, 18.197, 59.749



80, 16.178, 245.428

Rectangle

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



80, 18.197, 59.749



80, 18.197, 109.749



80, 18.197, 239.749



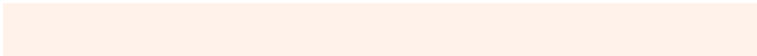
80, 18.197, 289.749

Sweetspot

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



80, 18.197, 59.758



96, 6.023, 61.327



76, 28.076, 339.847



51, 4.301, 61.194



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, 18.197, 59.758



87, 24.304, 59.299



87, 26.204, 102.267



45, 3.871, 61.206



43, 68.193, 52.371



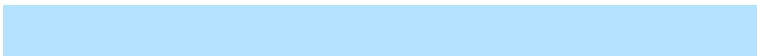
10, 20.105, 47.875

Inverse Universe

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



80, 16.178, 245.428



87, 21.033, 246.285



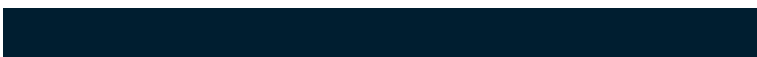
73, 27.376, 288.211



45, 3.721, 243.297



44, 43.259, 270.180



10, 15.797, 260.130

Previews

White Background



This preview shows how the CIELCh color 80, 18.197, 59.749 looks on a white background.

Color Contrast Check

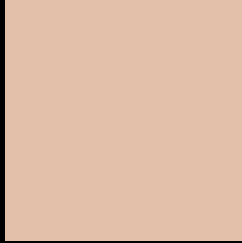
Large Text (above 18pt) WCAG AA × Fail

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, 18.197, 59.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

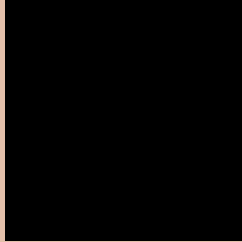
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 18.197, 59.749

Background



This preview shows how black text looks on a background with the CIELCh color 80, 18.197, 59.749.



This preview shows how white text looks on a background with the CIELCh color 80, 18.197, 59.749.

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, 18.197, 59.749

Protanopia

80, 13.799, 92.678

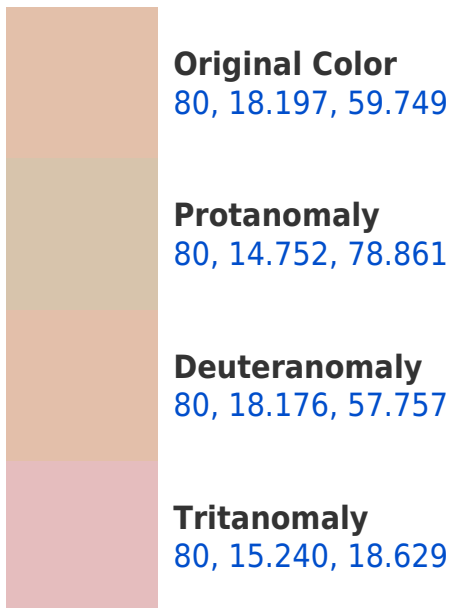
Deuteranopia

80, 18.499, 57.008



Tritanopia
80, 17.858, 354.507

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 18.197, 59.749 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(227, 192, 170)` looks like.

```
.text, #text, p{  
    color:rgb(227, 192, 170)  
}
```

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(227, 192, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 192, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 18.197, 59.749 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(227, 192, 170) }
```

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

```
.border{ border-color:rgb(227, 192, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 192, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 192, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 192, 170);  
box-shadow:4px 4px 4px 4px rgb(227, 192,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 18.197, 59.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 192, 170) }
```

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

```
.background{ background-color: rgb(227,  
192, 170) }
```

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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