

Converting Colors

CIELCh(80, 19.229, 59.249)

Have a look what the booklet for
CIELCh(80, 19.229, 59.249) contains.

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Color

CIELCh(80, 19.213, 59.341)

Conversions

Conversions Part 1

Format	Color
Hex	E4BFA8
RGB	228, 191, 168
RGB Percent	89%, 75%, 66%
CMY	0.1053, 0.2504, 0.3406
CMYK	0.00, 0.16, 0.26, 0.11
HSL	23°, 53%, 78%
HSV	23°, 26%, 89%
XYZ	57.7918, 56.6813, 45.0133
YIQ	199.4410, 29.4350, 0.6910

Conversions

Conversions Part 2

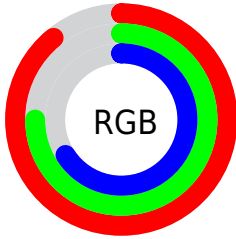
Format	Color
RYB	228, 205, 168
Decimal	14991272
CIELab	80.00, 9.80, 16.53
CIElCh	80, 19.213, 59.341
Yxy	56.6813, 0.3624, 0.3554
Android (android.graphics.Color)	4293181352 (0xFFE4BFA8)
YUV	199.4410, -15.5004, 25.0462
Hunter-Lab	75.2870, 5.2681, 17.2520

Details

The CIELCh color $80, 19.213, 59.341$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $81, 16.957, 245.270$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 12.546, 95.714$, and $60, 19.277, 59.890$ is the 20% darker color. If you saturate the color by 10%, you get $76, 27.435, 58.468$, and if you desaturate by 10%, it is $84, 11.516, 60.264$.

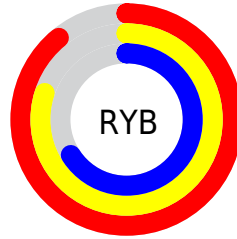
Distribution



Red (89%)

Green (75%)

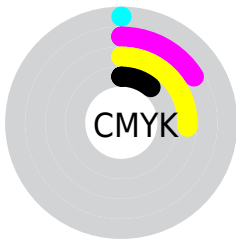
Blue (66%)



Red (89%)

Yellow (80%)

Blue (66%)

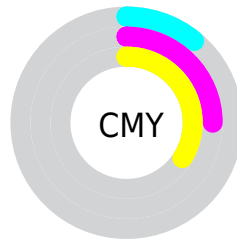


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (11%)



Cyan (11%)

Magenta (25%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 19.213, 59.341 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, 19.213, 59.341 by changing the saturation by 10% instead.

 80, 19.213, 59.341

 80, 19.213, 59.341

 100, 19.213,
59.341

 70, 19.213, 59.341

 60, 19.213, 59.341

 50, 19.213, 59.341

 40, 19.213, 59.341

 30, 19.213, 59.341

 20, 19.213, 59.341

 10, 19.213, 59.341

 0, 19.213, 59.341

 80, 19.213, 59.341

 80, 19.213, 59.341

76, 27.435, 58.468

84, 11.516, 60.264

72, 36.199, 57.636

88, 4.307, 61.150

69, 45.475, 56.854

92, 2.461, 242.445

65, 55.138, 56.096

96, 7.540, 230.134

62, 64.863, 55.268

98, 9.131, 198.901

59, 73.941, 54.142

56, 81.115, 52.277

55, 83.417, 51.540

Harmonies

Complementary

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



80, 19.213, 59.341



81, 16.957, 245.270

Rectangle

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



80, 19.213, 59.341



80, 19.213, 109.341



80, 19.213, 239.341



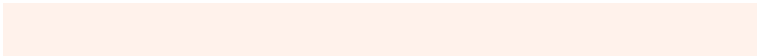
80, 19.213, 289.341

Sweetspot

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



80, 19.213, 59.350



96, 6.019, 61.007



75, 29.543, 339.951



51, 4.299, 60.876



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, 19.213, 59.350



86, 26.098, 58.825



88, 27.559, 102.138



46, 3.941, 60.885



44, 69.049, 52.160



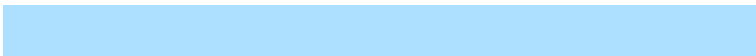
10, 21.410, 48.304

Inverse Universe

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



81, 16.957, 245.270



87, 22.306, 246.299



73, 28.860, 288.394



46, 3.787, 242.967



45, 43.528, 269.850



11, 16.351, 260.376

Previews

White Background



This preview shows how the CIELCh color 80, 19.213, 59.341 looks on a white background.

Color Contrast Check

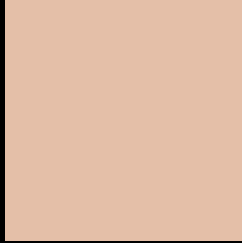
Large Text (above 18pt) WCAG AA × Fail

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, 19.213, 59.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

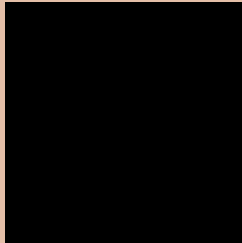
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 19.213, 59.341

Background



This preview shows how black text looks on a background with the CIELCh color 80, 19.213, 59.341.



This preview shows how white text looks on a background with the CIELCh color 80, 19.213, 59.341.

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, 19.213, 59.341

Protanopia

80, 14.310, 93.198

Deuteranopia

80, 19.213, 59.341



Tritanopia
80, 18.895, 356.173

Trichromacy



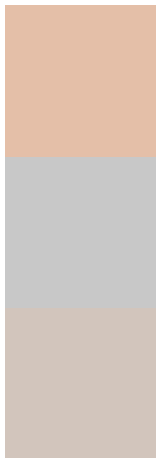
Original Color
80, 19.213, 59.341

Protanomaly
80, 15.220, 79.776

Deuteranomaly
80, 19.213, 59.341

Tritanomaly
80, 16.429, 18.879

Monochromacy



Original Color
80, 19.213, 59.341

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 6.831, 63.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 19.213, 59.341 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(228, 191, 168)` looks like.

```
.text, #text, p{  
    color:rgb(228, 191, 168)  
}
```

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(228, 191, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 191, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 19.213, 59.341 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(228, 191, 168) }
```

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

```
.border{ border-color:rgb(228, 191, 168) }
```

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

Here you see how a box with a 4 pixel rgb(228, 191, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 191, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 191, 168);  
box-shadow:4px 4px 4px 4px rgb(228, 191,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 19.213, 59.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 191, 168) }
```

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

```
.background{ background-color: rgb(228,  
191, 168) }
```

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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