

Converting Colors

CIELCh(80, 20.794, 61.600)

Have a look what the booklet for
CIELCh(80, 20.794, 61.600) contains.

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Color

CIELCh(80, 20.645, 61.759)

Conversions

Conversions Part 1

Format	Color
Hex	E5BFA5
RGB	229, 191, 165
RGB Percent	90%, 75%, 65%
CMY	0.1017, 0.2507, 0.3527
CMYK	0.00, 0.17, 0.28, 0.10
HSL	24°, 55%, 77%
HSV	24°, 28%, 90%
XYZ	57.7802, 56.6813, 43.5252
YIQ	199.3980, 30.9940, -0.0300

Conversions

Conversions Part 2

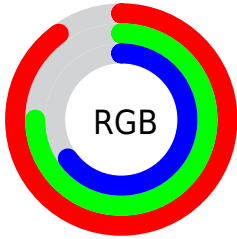
Format	Color
R _Y B	229, 209, 165
Decimal	15056805
CIE Lab	80.00, 9.77, 18.19
CIE LCh	80, 20.645, 61.759
Yxy	56.6813, 0.3657, 0.3588
Android (android.graphics.Color)	4293246885 (0xFFE5BFA5)
YUV	199.3980, -16.9582, 25.9610
Hunter-Lab	75.2870, 5.2405, 18.4239

Details

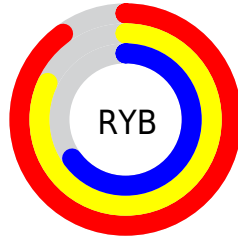
The CIELCh color **80, 20.645, 61.759** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 18.257, 248.518**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.037, 97.001**, and **60, 20.829, 62.296** is the 20% darker color. If you saturate the color by 10%, you get **76, 28.952, 60.793**, and if you desaturate by 10%, it is **84, 12.841, 62.766**.

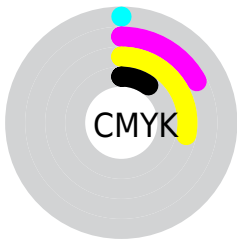
Distribution



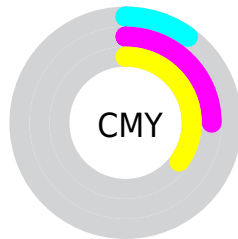
- Red (90%)
- Green (75%)
- Blue (65%)



- Red (90%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (10%)



- Cyan (10%)
- Magenta (25%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 20.645, 61.759 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, 20.645, 61.759 by changing the saturation by 10% instead.

 80, 20.645, 61.759

 80, 20.645, 61.759

 100, 20.645,
61.759

 70, 20.645, 61.759

 60, 20.645, 61.759

 50, 20.645, 61.759

 40, 20.645, 61.759

 30, 20.645, 61.759

 20, 20.645, 61.759

 10, 20.645, 61.759

 0, 20.645, 61.759

 80, 20.645, 61.759

 80, 20.645, 61.759

76, 28.952, 60.793

84, 12.841, 62.766

73, 37.770, 59.855

88, 5.508, 63.747

69, 47.052, 58.948

92, 1.396, 245.223

66, 56.639, 58.035

96, 7.337, 241.039

63, 66.151, 57.006

98, 8.829, 198.922

60, 74.787, 55.605

57, 81.365, 53.443

57, 82.617, 53.013

Harmonies

Complementary

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



80, 20.645, 61.759



80, 18.257, 248.518

Rectangle

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



80, 20.645, 61.759



80, 20.645, 111.759



80, 20.645, 241.759



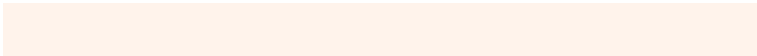
80, 20.645, 291.759

Sweetspot

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



80, 20.645, 61.767



97, 6.056, 63.737



75, 31.146, 340.916



51, 4.324, 63.595



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, 20.645, 61.767



86, 27.963, 61.153



88, 29.837, 102.826



46, 3.965, 63.604



45, 68.197, 53.658



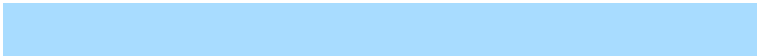
11, 21.238, 50.606

Inverse Universe

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



80, 18.257, 248.518



85, 23.957, 249.701



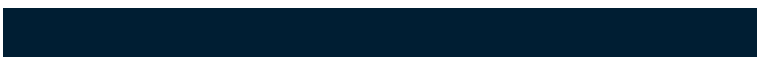
72, 31.444, 289.437



46, 3.822, 245.806



44, 45.571, 273.075



10, 16.929, 263.675

Previews

White Background



This preview shows how the CIELCh color 80, 20.645, 61.759 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, 20.645, 61.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

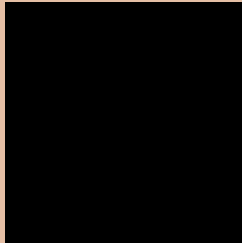
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 20.645, 61.759

Background



This preview shows how black text looks on a background with the CIELCh color 80, 20.645, 61.759.

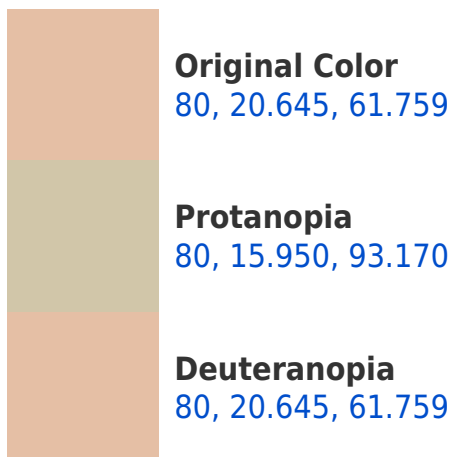


This preview shows how white text looks on a background with the CIELCh color 80, 20.645, 61.759.

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





Tritanopia
80, 19.057, 358.166

Trichromacy



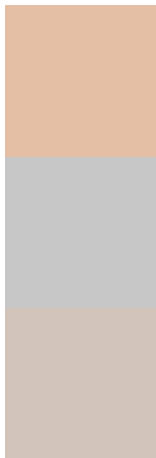
Original Color
80, 20.645, 61.759

Protanomaly
80, 16.573, 78.995

Deuteranomaly
80, 20.645, 61.759

Tritanomaly
80, 16.895, 22.524

Monochromacy



Original Color
80, 20.645, 61.759

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 7.118, 61.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 20.645, 61.759 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(229, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 165)  
}
```

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(229, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 20.645, 61.759 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(229, 191, 165) }
```

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

```
.border{ border-color:rgb(229, 191, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 191, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 191, 165); box-shadow:4px 4px 4px 4px rgb(229, 191, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 20.645, 61.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 165) }
```

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

```
.background{ background-color: rgb(229,  
191, 165) }
```

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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