

Converting Colors

CIELCh(80, 25.539, 50.780)

Have a look what the booklet for
CIELCh(80, 25.539, 50.780) contains.

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Color

CIELCh(80, 25.758, 51.419)

Conversions

Conversions Part 1

Format	Color
Hex	F1BBA2
RGB	241, 187, 162
RGB Percent	95%, 73%, 64%
CMY	0.0560, 0.2677, 0.3657
CMYK	0.00, 0.22, 0.33, 0.06
HSL	19°, 73%, 79%
HSV	19°, 33%, 94%
XYZ	60.3946, 56.6813, 41.8213
YIQ	200.2960, 40.2090, 3.6730

Conversions

Conversions Part 2

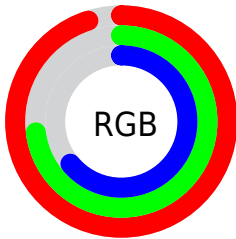
Format	Color
R _Y B	241, 199, 162
Decimal	15842210
CIE Lab	80.00, 16.06, 20.14
CIE LCh	80, 25.758, 51.419
Yxy	56.6813, 0.3801, 0.3567
Android (android.graphics.Color)	4294032290 (0xFFFF1BBA2)
YUV	200.2960, -18.8799, 35.6974
Hunter-Lab	75.2870, 11.4391, 19.7658

Details

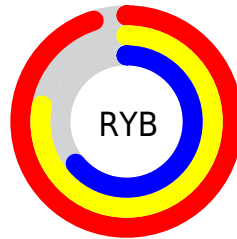
The CIELCh color **80, 25.758, 51.419** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 21.192, 237.282**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 13.978, 90.615**, and **60, 26.001, 51.907** is the 20% darker color. If you saturate the color by 10%, you get **76, 34.928, 50.941**, and if you desaturate by 10%, it is **84, 17.232, 52.000**.

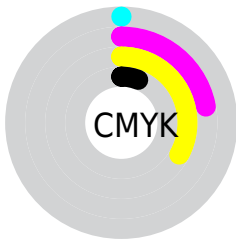
Distribution



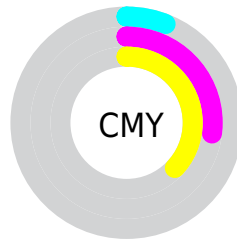
- Red (95%)
- Green (73%)
- Blue (64%)



- Red (95%)
- Yellow (78%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (6%)



- Cyan (6%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 25.758, 51.419 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, 25.758, 51.419 by changing the saturation by 10% instead.

80, 25.758, 51.419

80, 25.758, 51.419

100, 25.758,
51.419

70, 25.758, 51.419

60, 25.758, 51.419

50, 25.758, 51.419

40, 25.758, 51.419

30, 25.758, 51.419

20, 25.758, 51.419

10, 25.758, 51.419

0, 25.758, 51.419

80, 25.758, 51.419

80, 25.758, 51.419

76, 34.928, 50.941

84, 17.232, 52.000

71, 44.742, 50.563

89, 9.319, 52.631

68, 55.118, 50.285

94, 1.966, 53.114

64, 65.817, 50.051

98, 4.242, 216.418

61, 76.266, 49.684

99, 4.917, 199.228

58, 85.261, 48.769

56, 90.264, 47.676

Harmonies

Complementary

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



80, 25.758, 51.419



83, 21.192, 237.282

Rectangle

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



80, 25.758, 51.419



80, 25.758, 101.419



80, 25.758, 231.419



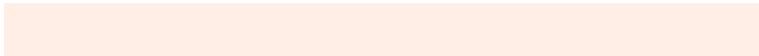
80, 25.758, 281.419

Sweetspot

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



80, 25.757, 51.426



95, 7.545, 52.806



76, 40.683, 336.703



50, 5.175, 52.718



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, 25.757, 51.426



81, 32.874, 51.108



89, 33.128, 96.528



48, 4.069, 52.841



43, 73.206, 48.261



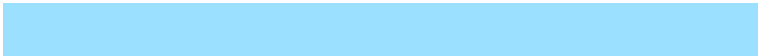
11, 24.624, 43.495

Inverse Universe

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



83, 21.192, 237.282



86, 25.880, 238.358



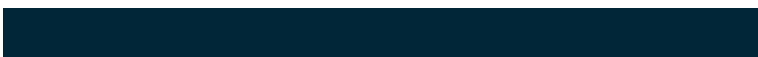
73, 34.463, 285.199



48, 3.874, 234.480



50, 39.303, 259.111



14, 16.041, 250.803

Previews

White Background



This preview shows how the CIELCh color 80, 25.758, 51.419 looks on a white background.

Color Contrast Check

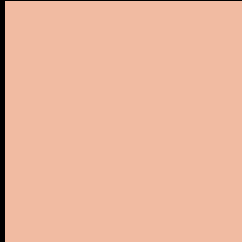
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 25.758, 51.419 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, 25.758, 51.419

Background



This preview shows how black text looks on a background with the CIELCh color 80, 25.758, 51.419.



This preview shows how white text looks on a background with the CIELCh color 80, 25.758, 51.419.

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, 25.758, 51.419

Protanopia

80, 16.974, 93.986

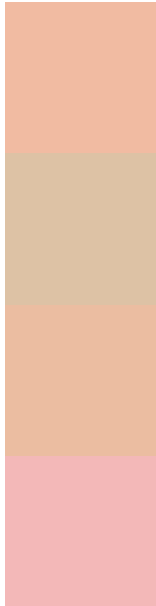
Deuteranopia

80, 22.809, 63.984



Tritanopia
80, 24.530, 4.051

Trichromacy



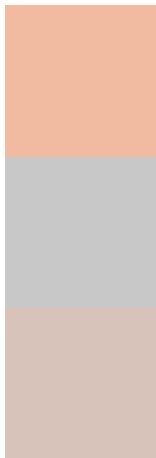
Original Color
80, 25.758, 51.419

Protanomaly
80, 18.824, 74.120

Deuteranomaly
80, 23.979, 58.326

Tritanomaly
80, 22.870, 21.280

Monochromacy



Original Color
80, 25.758, 51.419

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 8.981, 51.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 25.758, 51.419 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(241, 187, 162)` looks like.

```
.text, #text, p{  
    color:rgb(241, 187, 162)  
}
```

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(241, 187, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 187, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 25.758, 51.419 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(241, 187, 162) }
```

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

```
.border{ border-color:rgb(241, 187, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 187, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 187, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 187, 162);  
box-shadow:4px 4px 4px 4px rgb(241, 187,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 25.758, 51.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 187, 162) }
```

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

```
.background{ background-color: rgb(241,  
187, 162) }
```

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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