

Converting Colors

CIELCh(80, 29.276, 60.689)

Have a look what the booklet for
CIELCh(80, 29.276, 60.689) contains.

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Color

CIELCh(80, 29.276, 60.683)

Conversions

Conversions Part 1

Format	Color
Hex	F1BC98
RGB	241, 188, 152
RGB Percent	95%, 74%, 60%
CMY	0.0565, 0.2643, 0.4054
CMYK	0.00, 0.22, 0.37, 0.06
HSL	24°, 76%, 77%
HSV	24°, 37%, 94%
XYZ	59.6690, 56.6813, 37.3395
YIQ	199.7430, 43.1440, 0.0400

Conversions

Conversions Part 2

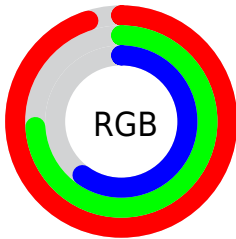
Format	Color
R _Y B	241, 212, 152
Decimal	15842456
CIE Lab	80.00, 14.33, 25.53
CIE LCh	80, 29.276, 60.683
Yxy	56.6813, 0.3882, 0.3688
Android (android.graphics.Color)	4294032536 (0xFFFF1BC98)
YUV	199.7430, -23.5373, 36.1824
Hunter-Lab	75.2870, 9.7187, 23.2953

Details

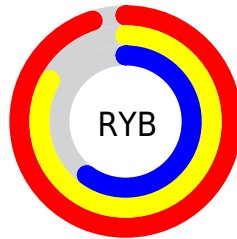
The CIELCh color **80, 29.276, 60.683** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 24.681, 250.071**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.787, 96.605**, and **60, 29.074, 61.073** is the 20% darker color. If you saturate the color by 10%, you get **76, 38.411, 59.754**, and if you desaturate by 10%, it is **84, 20.676, 61.662**.

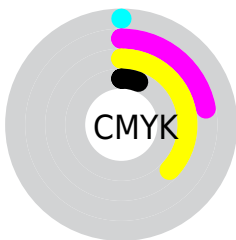
Distribution



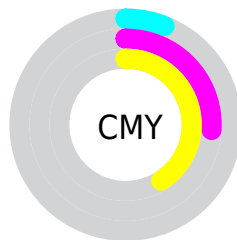
- Red (95%)
- Green (74%)
- Blue (60%)



- Red (95%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (6%)



- Cyan (6%)
- Magenta (26%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 29.276, 60.683 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, 29.276, 60.683 by changing the saturation by 10% instead.

 80, 29.276, 60.683

 80, 29.276, 60.683

 100, 29.276,
60.683

 70, 29.276, 60.683

 60, 29.276, 60.683

 50, 29.276, 60.683

 40, 29.276, 60.683

 30, 29.276, 60.683

 20, 29.276, 60.683

 10, 29.276, 60.683

 0, 29.276, 60.683

 80, 29.276, 60.683

 80, 29.276, 60.683

76, 38.411, 59.754

84, 20.676, 61.662

72, 48.041, 58.852

88, 12.602, 62.658

69, 58.013, 57.951

92, 5.018, 63.628

66, 67.955, 56.946

96, 2.122, 245.004

63, 77.069, 55.595

99, 4.965, 199.224

60, 84.052, 53.466

59, 85.890, 52.788

Harmonies

Complementary

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



80, 29.276, 60.683



80, 24.681, 250.071

Rectangle

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



80, 29.276, 60.683



80, 29.276, 110.683



80, 29.276, 240.683



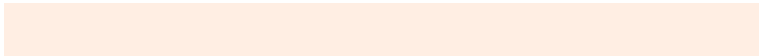
80, 29.276, 290.683

Sweetspot

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



80, 29.276, 60.689



95, 8.402, 63.246



73, 42.814, 341.812



50, 5.669, 63.113



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, 29.276, 60.689



81, 37.376, 60.015



91, 40.921, 101.835



48, 4.107, 63.397



46, 69.748, 53.461



12, 23.766, 51.480

Inverse Universe

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



80, 24.681, 250.071



81, 30.320, 251.711



68, 44.074, 291.019



48, 3.958, 245.599



45, 46.449, 272.952



12, 18.163, 264.558

Previews

White Background



This preview shows how the CIELCh color 80, 29.276, 60.683 looks on a white background.

Color Contrast Check

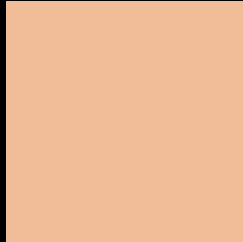
Large Text (above 18pt) WCAG AA × Fail

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, 29.276, 60.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

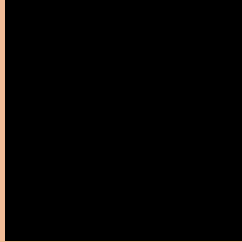
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 29.276, 60.683

Background



This preview shows how black text looks on a background with the CIELCh color 80, 29.276, 60.683.



This preview shows how white text looks on a background with the CIELCh color 80, 29.276, 60.683.

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, 29.276, 60.683

Protanopia

80, 22.302, 94.767

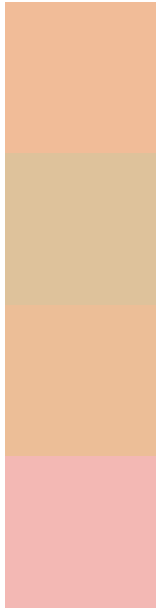
Deuteranopia

80, 27.812, 69.102



Tritanopia
80, 24.897, 4.360

Trichromacy



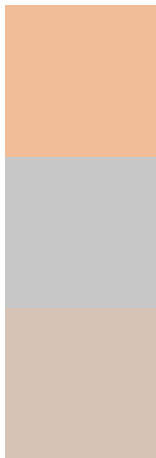
Original Color
80, 29.276, 60.683

Protanomaly
80, 23.664, 79.796

Deuteranomaly
80, 28.267, 66.604

Tritanomaly
80, 23.180, 26.447

Monochromacy



Original Color
80, 29.276, 60.683

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 10.031, 63.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 29.276, 60.683 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, 188, 152)` looks like.

```
.text, #text, p{  
    color:rgb(241, 188, 152)  
}
```

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, 188, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 188, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 29.276, 60.683 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, 188, 152) }
```

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

```
.border{ border-color:rgb(241, 188, 152) }
```

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

Here you see how a box with a 4 pixel rgb(241, 188, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 188, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 188, 152);  
box-shadow:4px 4px 4px 4px rgb(241, 188,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 29.276, 60.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 188, 152) }
```

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

```
.background{ background-color: rgb(241,  
188, 152) }
```

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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