

Converting Colors

CIELCh(80, 23.911, 28.462)

Have a look what the booklet for
CIELCh(80, 23.911, 28.462) contains.

CIELCh(80, 23.809, 28.865)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(80, 23.809, 28.865)

Conversions

Conversions Part 1

Format	Color
Hex	F4B8B2
RGB	244, 184, 178
RGB Percent	96%, 72%, 70%
CMY	0.0434, 0.2787, 0.3022
CMYK	0.00, 0.25, 0.27, 0.04
HSL	5°, 75%, 83%
HSV	5°, 27%, 96%
XYZ	62.4352, 56.6813, 49.7314
YIQ	201.2560, 37.6860, 10.8540

Conversions

Conversions Part 2

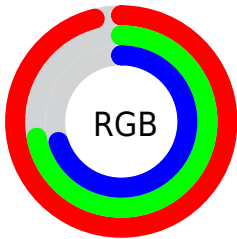
Format	Color
RYB	244, 185, 178
Decimal	16038066
CIELab	80.00, 20.85, 11.49
CIElCh	80, 23.809, 28.865
Yxy	56.6813, 0.3698, 0.3357
Android (android.graphics.Color)	4294228146 (0xFFFF4B8B2)
YUV	201.2560, -11.4652, 37.4865
Hunter-Lab	75.2870, 16.2772, 13.5364

Details

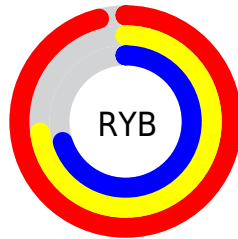
The CIELCh color **80, 23.809, 28.865** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 19.659, 207.378**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.202, 49.202**, and **60, 23.938, 29.789** is the 20% darker color. If you saturate the color by 10%, you get **74, 33.957, 29.703**, and if you desaturate by 10%, it is **86, 14.397, 28.268**.

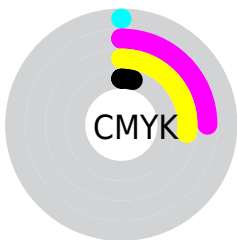
Distribution



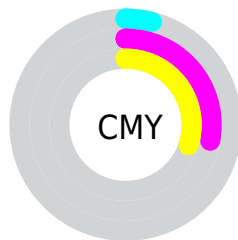
- Red (96%)
- Green (72%)
- Blue (70%)



- Red (96%)
- Yellow (73%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (27%)
- Black (4%)



- Cyan (4%)
- Magenta (28%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 23.809, 28.865 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, 23.809, 28.865 by changing the saturation by 10% instead.

 80, 23.809, 28.865

 80, 23.809, 28.865

 100, 23.809,
28.865

 70, 23.809, 28.865

 60, 23.809, 28.865

 50, 23.809, 28.865

 40, 23.809, 28.865

 30, 23.809, 28.865

 20, 23.809, 28.865

 10, 23.809, 28.865

 0, 23.809, 28.865

 80, 23.809, 28.865

 80, 23.809, 28.865

74, 33.957, 29.703

86, 14.397, 28.268

69, 44.805, 30.836

92, 5.713, 27.796

64, 56.227, 32.343

98, 2.290, 207.923

60, 67.982, 34.269

99, 3.826, 199.336

56, 79.630, 36.560

54, 90.278, 38.886

52, 98.042, 40.407

52, 99.799, 40.816

Harmonies

Complementary

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



80, 23.809, 28.865



90, 19.659, 207.378

Rectangle

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



80, 23.809, 28.865



80, 23.809, 78.865



80, 23.809, 208.865



80, 23.809, 258.865

Sweetspot

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



80, 23.807, 28.871



95, 6.742, 27.842



80, 39.429, 328.335



50, 4.822, 27.912



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, 23.807, 28.871



80, 29.797, 29.256



88, 22.806, 80.316



48, 4.662, 27.910



39, 81.203, 41.031



9, 29.186, 29.856

Inverse Universe

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



90, 19.659, 207.378



93, 23.626, 207.392



82, 21.968, 268.120



50, 4.382, 207.591



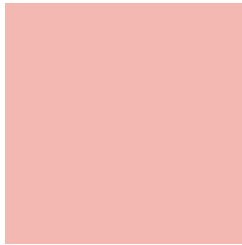
63, 35.488, 212.404



20, 15.951, 210.059

Previews

White Background



This preview shows how the CIELCh color 80, 23.809, 28.865 looks on a white background.

Color Contrast Check

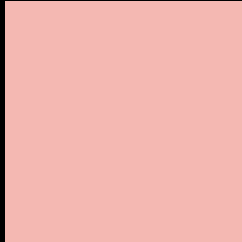
Large Text (above 18pt) WCAG AA × Fail

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, 23.809, 28.865 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, 23.809, 28.865

Background



This preview shows how black text looks on a background with the CIELCh color 80, 23.809, 28.865.



This preview shows how white text looks on a background with the CIELCh color 80, 23.809, 28.865.

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, 23.809, 28.865

Protanopia

80, 7.371, 88.520

Deuteranopia

80, 15.597, 48.560



Tritanopia
80, 25.660, 4.967

Trichromacy



Original Color
80, 23.809, 28.865

Protanomaly
80, 11.594, 50.131

Deuteranomaly
80, 18.624, 38.801

Tritanomaly
80, 24.415, 12.829

Monochromacy



Original Color
80, 23.809, 28.865

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 8.334, 27.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 23.809, 28.865 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(244, 184, 178)` looks like.

```
.text, #text, p{  
    color:rgb(244, 184, 178)  
}
```

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(244, 184, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 184, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 23.809, 28.865 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(244, 184, 178) }
```

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

```
.border{ border-color:rgb(244, 184, 178) }
```

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

Here you see how a box with a 4 pixel rgb(244, 184, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 184, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 184, 178);  
box-shadow:4px 4px 4px 4px rgb(244, 184,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 23.809, 28.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 184, 178) }
```

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

```
.background{ background-color: rgb(244,  
184, 178) }
```

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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