

Converting Colors

CIELCh(80, 29.398, 23.854)

Have a look what the booklet for
CIELCh(80, 29.398, 23.854) contains.

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Color

CIELCh(80, 29.576, 23.901)

Conversions

Conversions Part 1

Format	Color
Hex	FEB3B1
RGB	254, 179, 177
RGB Percent	100%, 70%, 69%
CMY	0.0026, 0.2968, 0.3047
CMYK	0.00, 0.29, 0.30, 0.00
HSL	2°, 98%, 85%
HSV	2°, 30%, 100%
XYZ	65.1404, 56.6813, 49.2591
YIQ	201.1970, 45.3420, 15.2780

Conversions

Conversions Part 2

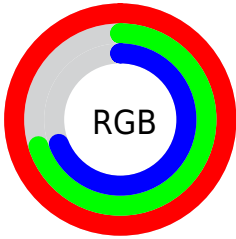
Format	Color
RYB	254, 179, 177
Decimal	16692145
CIELab	80.00, 27.04, 11.98
CIElCh	80, 29.576, 23.901
Yxy	56.6813, 0.3808, 0.3313
Android (android.graphics.Color)	4294882225 (0xFFFE3B1)
YUV	201.1970, -11.9291, 46.3082
Hunter-Lab	75.2870, 22.6909, 13.9084

Details

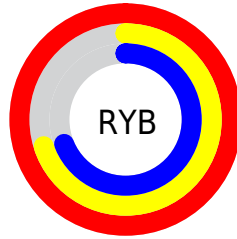
The CIELCh color **80, 29.576, 23.901** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 23.904, 200.440**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 7.291, 27.865**, and **60, 29.640, 24.750** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.824, 25.206**, and if you desaturate by 10%, it is **86, 19.043, 22.918**.

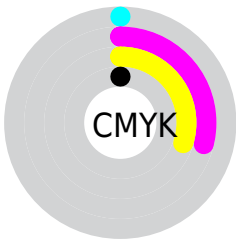
Distribution



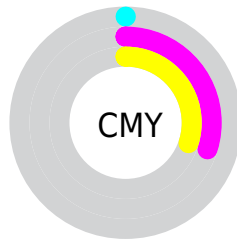
- Red (100%)
- Green (70%)
- Blue (69%)



- Red (100%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (29%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 29.576, 23.901 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, 29.576, 23.901 by changing the saturation by 10% instead.

 80, 29.576, 23.901

 80, 29.576, 23.901

 100, 29.576,
23.901

 70, 29.576, 23.901

 60, 29.576, 23.901

 50, 29.576, 23.901

 40, 29.576, 23.901

 30, 29.576, 23.901

 20, 29.576, 23.901

 10, 29.576, 23.901

 0, 29.576, 23.901

 80, 29.576, 23.901

 80, 29.576, 23.901

74, 40.824, 25.206

86, 19.043, 22.918

68, 52.662, 26.916

93, 9.273, 22.144

63, 64.843, 29.134

100, 0.250, 18.995

59, 76.988, 31.912

100, 0.233,
202.241

56, 88.506, 35.125

54, 98.200, 38.197

53, 104.054,
40.184

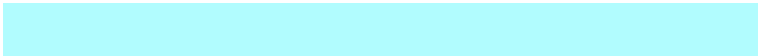
Harmonies

Complementary

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



80, 29.576, 23.901



94, 23.904, 200.440

Rectangle

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



80, 29.576, 23.901



80, 29.576, 73.901



80, 29.576, 203.901



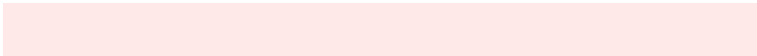
80, 29.576, 253.901

Sweetspot

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



80, 29.574, 23.906



94, 8.089, 22.052



82, 47.706, 326.557



49, 5.654, 22.156



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, 29.574, 23.906



77, 35.996, 24.605



89, 25.492, 73.332



50, 5.120, 22.088



40, 83.870, 40.263



10, 32.833, 28.448

Inverse Universe

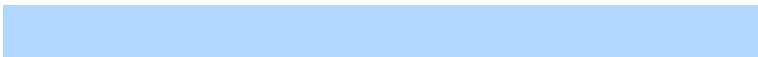
The Inverse Universe completely reimagines the original color for something new.



94, 23.904, 200.440



94, 27.789, 200.272



84, 23.629, 262.074



52, 4.816, 201.281



69, 38.922, 200.568



23, 17.981, 200.047

Previews

White Background



This preview shows how the CIELCh color 80, 29.576, 23.901 looks on a white background.

Color Contrast Check

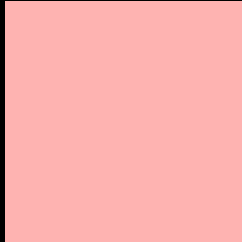
Large Text (above 18pt) WCAG AA × Fail

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, 29.576, 23.901 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, 29.576, 23.901

Background



This preview shows how black text looks on a background with the CIELCh color 80, 29.576, 23.901.



This preview shows how white text looks on a background with the CIELCh color 80, 29.576, 23.901.

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, 29.576, 23.901

Protanopia

80, 6.386, 85.275

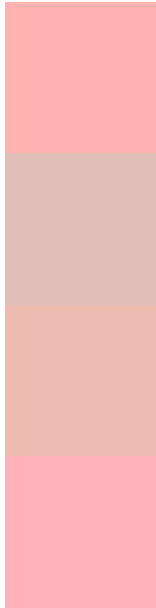
Deuteranopia

80, 16.530, 50.992



Tritanopia
80, 30.162, 9.029

Trichromacy



Original Color
80, 29.576, 23.901

Protanomaly
80, 13.045, 39.168

Deuteranomaly
80, 20.575, 37.183

Tritanomaly
80, 30.001, 14.009

Monochromacy



Original Color
80, 29.576, 23.901

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 10.191, 23.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 29.576, 23.901 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(254, 179, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 177)  
}
```

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(254, 179, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 29.576, 23.901 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(254, 179, 177) }
```

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

```
.border{ border-color:rgb(254, 179, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 179, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 29.576, 23.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 179, 177) }
```

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

```
.background{ background-color: rgb(254,  
179, 177) }
```

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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