

Converting Colors

CIELCh(80, 31.544, 351.411)

Have a look what the booklet for
CIELCh(80, 31.544, 351.411)
contains.

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Color

CIELCh(80, 31.744, 351.282)

Conversions

Conversions Part 1

Format	Color
Hex	FBB1D0
RGB	251, 177, 208
RGB Percent	98%, 69%, 82%
CMY	0.0146, 0.3048, 0.1832
CMYK	0.00, 0.29, 0.17, 0.01
HSL	335°, 91%, 84%
HSV	335°, 29%, 99%
XYZ	67.0822, 56.6813, 67.2564
YIQ	202.6600, 34.1530, 25.3290

Conversions

Conversions Part 2

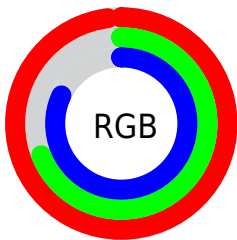
Format	Color
R _Y B	251, 177, 208
Decimal	16495056
CIE Lab	80.00, 31.38, -4.81
CIE LCh	80, 31.744, 351.282
Yxy	56.6813, 0.3512, 0.2967
Android (android.graphics.Color)	4294685136 (0xFFFB1D0)
YUV	202.6600, 2.6326, 42.3942
Hunter-Lab	75.2870, 27.2948, -0.2649

Details

The CIELCh color $80, 31.744, 351.282$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 30.071, 165.394$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.736, 324.896$, and $60, 31.438, 351.024$ is the 20% darker color. If you saturate the color by 10%, you get $74, 42.660, 352.640$, and if you desaturate by 10%, it is $86, 20.763, 350.115$.

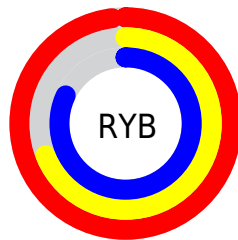
Distribution



Red (98%)

Green (69%)

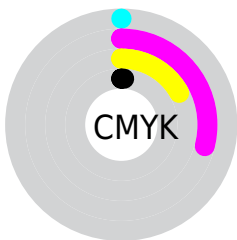
Blue (82%)



Red (98%)

Yellow (69%)

Blue (82%)

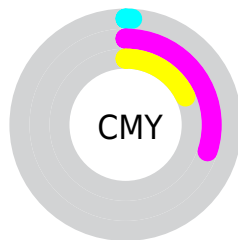


Cyan (0%)

Magenta (29%)

Yellow (17%)

Black (1%)



Cyan (1%)


Magenta (30%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 31.744, 351.282 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, 31.744, 351.282 by changing the saturation by 10% instead.


 80, 31.744,
351.282


 80, 31.744,
351.282


 100, 31.744,
351.282


 70, 31.744,
351.282


 60, 31.744,
351.282

 50, 31.744,
351.282

 40, 31.744,
351.282

 30, 31.744,
351.282

 20, 31.744,
351.282

 10, 31.744,

351.282

■ 0, 31.744, 351.282

■ 80, 31.744,
351.282

■ 80, 31.744,
351.282

■ 74, 42.660,
352.640

■ 86, 20.763,
350.115

■ 69, 53.173,
354.255

■ 93, 9.952, 349.074

■ 64, 62.805,
356.226

■ 99, 0.558, 169.152

■ 100, 1.289,
199.838

■ 60, 71.001,
358.690

■ 57, 77.253, 1.817

■ 55, 81.327, 5.789

■ 54, 83.643, 10.642

■ 54, 83.766, 10.915

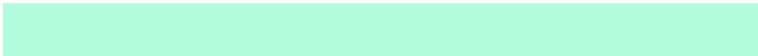
Harmonies

Complementary

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



80, 31.744, 351.282



93, 30.071, 165.394

Rectangle

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



80, 31.744, 351.282



80, 31.744, 41.282



80, 31.744, 171.282



80, 31.744, 221.282

Sweetspot

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



80, 31.741, 351.284



94, 9.581, 349.029



78, 42.158, 312.709



49, 6.672, 349.176



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, 31.741, 351.284



78, 38.276, 352.013



80, 27.379, 27.016



49, 5.958, 349.078



40, 67.453, 9.923



10, 30.538, 2.829

Inverse Universe

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



80, 31.741, 351.284



78, 38.276, 352.013



93, 22.199, 204.687



49, 5.958, 349.078



40, 67.453, 9.923



10, 30.538, 2.829

Previews

White Background



This preview shows how the CIELCh color 80, 31.744, 351.282 looks on a white background.

Color Contrast Check

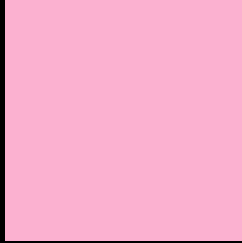
Large Text (above 18pt) WCAG AA × Fail

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, 31.744, 351.282 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, 31.744, 351.282

Background



This preview shows how black text looks on a background with the CIELCh color 80, 31.744, 351.282.



This preview shows how white text looks on a background with the CIELCh color 80, 31.744, 351.282.

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, 31.744, 351.282

Protanopia
80, 12.793, 289.762

Deuteranopia
80, 10.323, 342.063



Tritanopia
80, 27.542, 6.345

Trichromacy



Original Color
80, 31.744, 351.282

Protanomaly
80, 16.780, 325.085

Deuteranomaly
80, 18.183, 347.280

Tritanomaly
80, 28.627, 0.393

Monochromacy



Original Color
80, 31.744, 351.282

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 11.555, 350.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 31.744, 351.282 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(251, 177, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 177, 208)  
}
```

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(251, 177, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 177, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 31.744, 351.282 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(251, 177, 208) }
```

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

```
.border{ border-color:rgb(251, 177, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 177, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 177, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 177, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 177,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 31.744, 351.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 177, 208) }
```

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

```
.background{ background-color: rgb(251,  
177, 208) }
```

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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