

Converting Colors

CIELCh(81, 35.422, 28.901)

Have a look what the booklet for
CIELCh(81, 35.422, 28.901) contains.

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Color

CIELCh(80, 30.684, 29.692)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3AB
RGB	255, 179, 171
RGB Percent	100%, 70%, 67%
CMY	0.0000, 0.2965, 0.3280
CMYK	0.00, 0.30, 0.33, 0.00
HSL	6°, 100%, 84%
HSV	6°, 33%, 100%
XYZ	64.9701, 56.6813, 46.2281
YIQ	200.8120, 47.8640, 13.6240

Conversions

Conversions Part 2

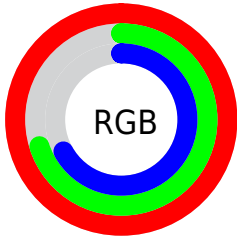
Format	Color
R _Y B	255, 180, 171
Decimal	16757675
CIE Lab	80.00, 26.66, 15.20
CIE LCh	80, 30.684, 29.692
Yxy	56.6813, 0.3870, 0.3376
Android (android.graphics.Color)	4294947755 (0xFFFFB3AB)
YUV	200.8120, -14.6973, 47.5229
Hunter-Lab	75.2870, 22.2871, 16.2954

Details

The CIELCh color **80, 30.684, 29.692** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 24.033, 207.956**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 8.631, 51.981**, and **60, 30.349, 29.868** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.437, 30.697**, and if you desaturate by 10%, it is **86, 20.353, 29.025**.

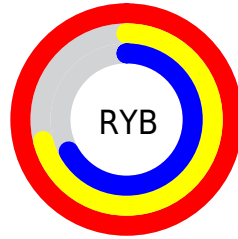
Distribution



Red (100%)

Green (70%)

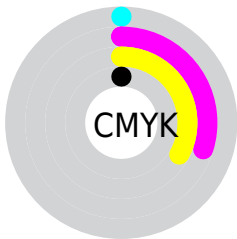
Blue (67%)



Red (100%)

Yellow (71%)

Blue (67%)

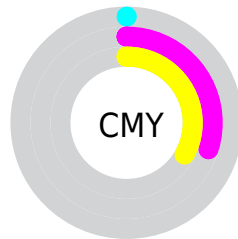


Cyan (0%)

Magenta (30%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 30.684, 29.692 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, 30.684, 29.692 by changing the saturation by 10% instead.

 80, 30.684, 29.692

 80, 30.684, 29.692

 100, 30.684,
29.692

 70, 30.684, 29.692

 60, 30.684, 29.692

 50, 30.684, 29.692

 40, 30.684, 29.692

 30, 30.684, 29.692

 20, 30.684, 29.692

 10, 30.684, 29.692

 0, 30.684, 29.692

 80, 30.684, 29.692

 80, 30.684, 29.692

74, 41.437, 30.697

86, 20.353, 29.025

69, 53.025, 32.008

92, 10.957, 28.516

64, 65.093, 33.719

98, 2.297, 27.964

60, 77.288, 35.829

100, 0.012,
296.813

57, 88.931, 38.151

55, 98.529, 40.063

54, 103.155,
40.852

Harmonies

Complementary

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



80, 30.684, 29.692



93, 24.033, 207.956

Rectangle

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



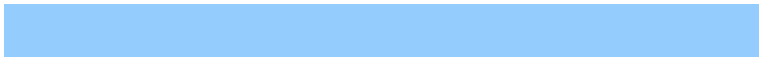
80, 30.684, 29.692



80, 30.684, 79.692



80, 30.684, 209.692



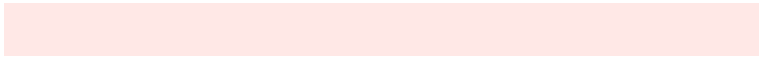
80, 30.684, 259.692

Sweetspot

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



80, 30.518, 29.727



94, 8.463, 28.394



80, 49.419, 328.674



49, 5.808, 28.455



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, 30.518, 29.727



76, 37.206, 30.293



90, 28.935, 79.522



50, 4.802, 28.372



40, 82.793, 41.078



11, 31.558, 31.868

Inverse Universe

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



93, 24.033, 207.956



92, 27.790, 208.052



82, 27.628, 269.298



52, 4.512, 208.090



65, 36.061, 213.396



21, 16.754, 211.121

Previews

White Background



This preview shows how the CIELCh color 80, 30.684, 29.692 looks on a white background.

Color Contrast Check

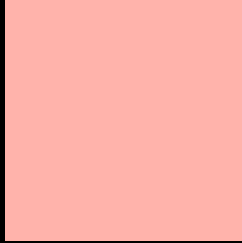
Large Text (above 18pt) WCAG AA × Fail

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, 30.684, 29.692 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, 30.684, 29.692

Background



This preview shows how black text looks on a background with the CIELCh color 80, 30.684, 29.692.

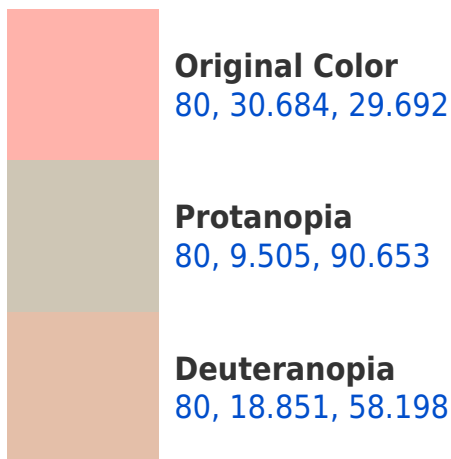


This preview shows how white text looks on a background with the CIELCh color 80, 30.684, 29.692.

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](#).

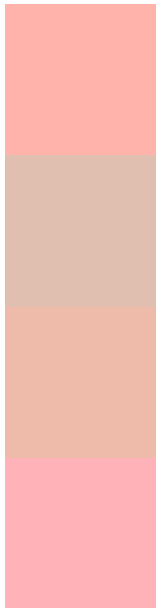
Dichromacy





Tritanopia
80, 30.573, 9.252

Trichromacy



Original Color
80, 30.684, 29.692

Protanomaly
80, 14.898, 49.978

Deuteranomaly
80, 22.331, 44.403

Tritanomaly
80, 30.023, 17.010

Monochromacy



Original Color
80, 30.684, 29.692

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.735, 28.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 30.684, 29.692 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(255, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 171)  
}
```

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(255, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 30.684, 29.692 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(255, 179, 171) }
```

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

```
.border{ border-color:rgb(255, 179, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 179, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 179, 171); box-shadow:4px 4px 4px 4px rgb(255, 179, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 30.684, 29.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 171) }
```

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

```
.background{ background-color: rgb(255,  
179, 171) }
```

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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