

Converting Colors

CIELCh(80, 31.470, 36.162)

Have a look what the booklet for
CIELCh(80, 31.470, 36.162) contains.

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Color

CIELCh(80, 31.470, 36.162)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4A5
RGB	255, 180, 165
RGB Percent	100%, 71%, 65%
CMY	0.0000, 0.2937, 0.3526
CMYK	0.00, 0.29, 0.35, 0.00
HSL	10°, 100%, 82%
HSV	10°, 35%, 100%
XYZ	64.4194, 56.6813, 43.1876
YIQ	200.7150, 49.5150, 11.2350

Conversions

Conversions Part 2

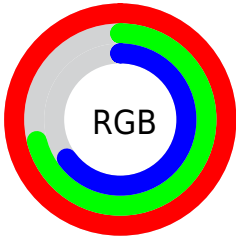
Format	Color
R _Y B	255, 183, 165
Decimal	16757925
CIE Lab	80.00, 25.41, 18.57
CIE LCh	80, 31.470, 36.162
Yxy	56.6813, 0.3921, 0.3450
Android (android.graphics.Color)	4294948005 (0xFFFFB4A5)
YUV	200.7150, -17.6075, 47.6079
Hunter-Lab	75.2870, 20.9816, 18.6898

Details

The CIELCh color **80, 31.470, 36.162** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 24.284, 216.885**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 10.781, 68.994**, and **60, 31.275, 36.673** is the 20% darker color. If you saturate the color by 10%, you get **75, 42.039, 36.746**, and if you desaturate by 10%, it is **85, 21.581, 35.840**.

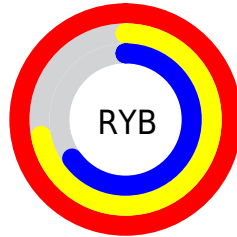
Distribution



Red (100%)

Green (71%)

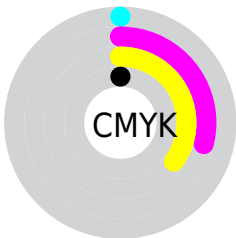
Blue (65%)



Red (100%)

Yellow (72%)

Blue (65%)

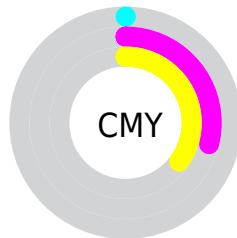


Cyan (0%)

Magenta (29%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 31.470, 36.162 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, 31.470, 36.162 by changing the saturation by 10% instead.

80, 31.470, 36.162

80, 31.470, 36.162

100, 31.470,
36.162

70, 31.470, 36.162

60, 31.470, 36.162

50, 31.470, 36.162

40, 31.470, 36.162

30, 31.470, 36.162

20, 31.470, 36.162

10, 31.470, 36.162

0, 31.470, 36.162

80, 31.470, 36.162

80, 31.470, 36.162

75, 42.039, 36.746

85, 21.581, 35.840

70, 53.363, 37.573

91, 12.495, 35.659

65, 65.238, 38.688

97, 4.129, 35.528

62, 77.305, 40.043

100, 0.012,
296.813

58, 88.769, 41.391

56, 97.911, 42.076

55, 101.123,
42.167

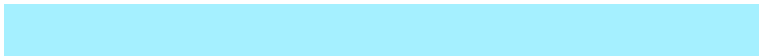
Harmonies

Complementary

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



80, 31.470, 36.162



91, 24.284, 216.885

Rectangle

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



80, 31.470, 36.162



80, 31.470, 86.162



80, 31.470, 216.162



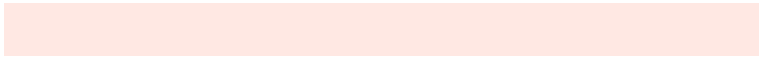
80, 31.470, 266.162

Sweetspot

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



80, 31.426, 36.184



94, 8.849, 35.613



79, 50.099, 331.616



49, 5.980, 35.627



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, 31.426, 36.184



76, 38.500, 36.536



91, 33.198, 86.501



50, 4.545, 35.597



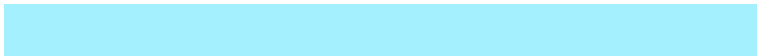
41, 81.035, 42.518



11, 30.464, 35.380

Inverse Universe

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



91, 24.284, 216.885



89, 28.051, 217.378



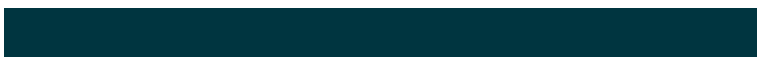
79, 32.961, 276.897



52, 4.276, 215.928



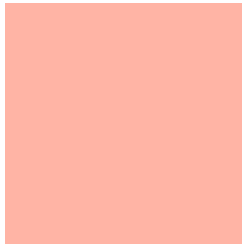
60, 35.072, 228.422



20, 16.159, 224.058

Previews

White Background



This preview shows how the CIELCh color 80, 31.470, 36.162 looks on a white background.

Color Contrast Check

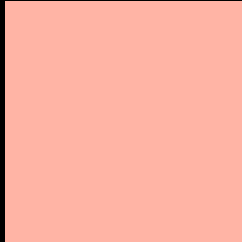
Large Text (above 18pt) WCAG AA × Fail

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, 31.470, 36.162 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, 31.470, 36.162

Background



This preview shows how black text looks on a background with the CIELCh color 80, 31.470, 36.162.



This preview shows how white text looks on a background with the CIELCh color 80, 31.470, 36.162.

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, 31.470, 36.162

Protanopia

80, 13.289, 92.114

Deuteranopia

80, 21.722, 62.934



Tritanopia
80, 30.110, 10.020

Trichromacy



Original Color
80, 31.470, 36.162

Protanomaly
80, 17.182, 58.074

Deuteranomaly
80, 24.413, 50.426

Tritanomaly
80, 29.700, 19.920

Monochromacy



Original Color
80, 31.470, 36.162

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.987, 34.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 31.470, 36.162 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, 180, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 165)  
}
```

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, 180, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 31.470, 36.162 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, 180, 165) }
```

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

```
.border{ border-color:rgb(255, 180, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 31.470, 36.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 165) }
```

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

```
.background{ background-color: rgb(255,  
180, 165) }
```

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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