

Converting Colors

CIELCh(80, 31.337, 35.646)

Have a look what the booklet for
CIELCh(80, 31.337, 35.646) contains.

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Color

CIELCh(80, 31.269, 35.281)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4A6
RGB	255, 180, 166
RGB Percent	100%, 71%, 65%
CMY	0.0000, 0.2939, 0.3489
CMYK	0.00, 0.29, 0.35, 0.00
HSL	9°, 100%, 83%
HSV	9°, 35%, 100%
XYZ	64.4715, 56.6813, 43.6379
YIQ	200.8290, 49.1940, 11.5460

Conversions

Conversions Part 2

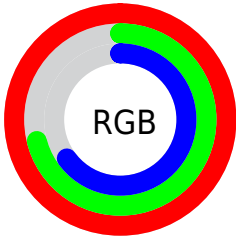
Format	Color
R _Y B	255, 183, 166
Decimal	16757926
CIE Lab	80.00, 25.53, 18.06
CIE LCh	80, 31.269, 35.281
Yxy	56.6813, 0.3912, 0.3440
Android (android.graphics.Color)	4294948006 (0xFFFFB4A6)
YUV	200.8290, -17.1707, 47.5080
Hunter-Lab	75.2870, 21.1052, 18.3352

Details

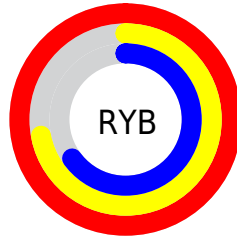
The CIELCh color **80, 31.269, 35.281** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 24.203, 215.622**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 10.388, 67.236**, and **60, 31.046, 35.749** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.897, 35.911**, and if you desaturate by 10%, it is **86, 21.370, 34.899**.

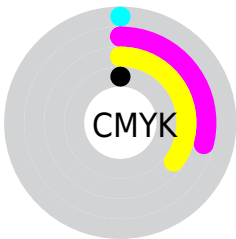
Distribution



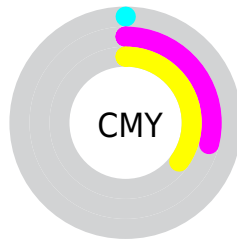
- Red (100%)
- Green (71%)
- Blue (65%)



- 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, 31.269, 35.281 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, 31.269, 35.281 by changing the saturation by 10% instead.

 80, 31.269, 35.281

 80, 31.269, 35.281

 100, 31.269,
35.281

 70, 31.269, 35.281

 60, 31.269, 35.281

 50, 31.269, 35.281

 40, 31.269, 35.281

 30, 31.269, 35.281

 20, 31.269, 35.281

 10, 31.269, 35.281

 0, 31.269, 35.281

 80, 31.269, 35.281

 80, 31.269, 35.281

75, 41.897, 35.911

86, 21.370, 34.899

70, 53.253, 36.805

91, 12.253, 34.672

65, 65.156, 38.002

97, 3.857, 34.488

61, 77.251, 39.459

100, 0.012,
296.813

58, 88.764, 40.941

56, 98.004, 41.795

55, 101.446,
41.949

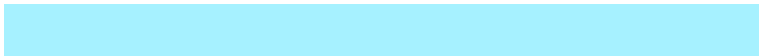
Harmonies

Complementary

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



80, 31.269, 35.281



91, 24.203, 215.622

Rectangle

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



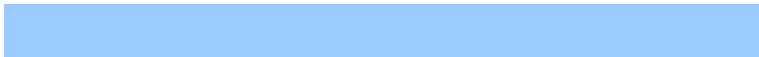
80, 31.269, 35.281



80, 31.269, 85.281



80, 31.269, 215.281



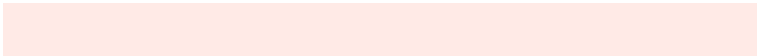
80, 31.269, 265.281

Sweetspot

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



80, 31.250, 35.293



94, 8.064, 34.596



79, 50.155, 331.003



49, 5.534, 34.617



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, 31.250, 35.293



76, 38.747, 35.707



90, 32.406, 85.165



50, 4.575, 34.589



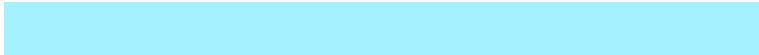
41, 81.309, 42.284



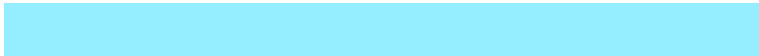
11, 30.600, 34.906

Inverse Universe

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



91, 24.203, 215.622



89, 28.202, 216.087



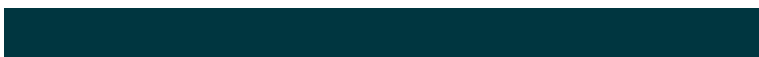
79, 31.927, 275.513



52, 4.303, 214.835



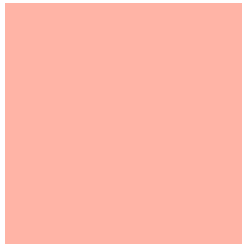
61, 35.074, 226.353



20, 16.194, 222.265

Previews

White Background



This preview shows how the CIELCh color 80, 31.269, 35.281 looks on a white background.

Color Contrast Check

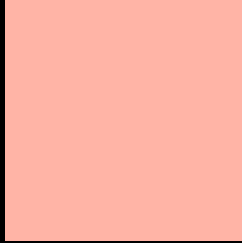
Large Text (above 18pt) WCAG AA × Fail

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, 31.269, 35.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

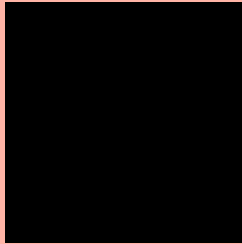
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 31.269, 35.281

Background



This preview shows how black text looks on a background with the CIELCh color 80, 31.269, 35.281.

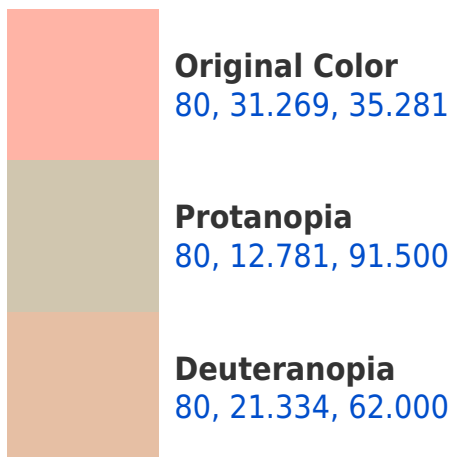


This preview shows how white text looks on a background with the CIELCh color 80, 31.269, 35.281.

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



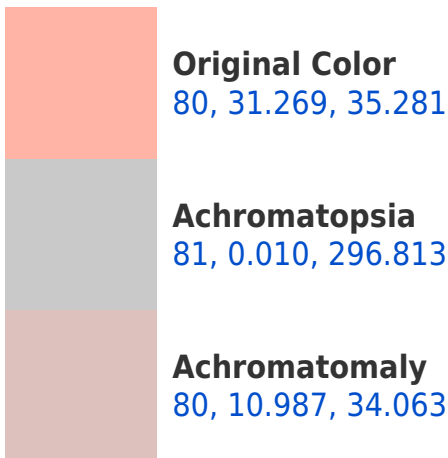


Tritanopia
80, 30.110, 10.020

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 31.269, 35.281 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 31.269, 35.281 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, 166) }
```

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

```
.border{ border-color:rgb(255, 180, 166) }
```

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, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 31.269, 35.281 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, 166) }
```

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

```
.background{ background-color: rgb(255,  
180, 166) }
```

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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