

Converting Colors

CIELCh(91, 59.059, 28.580)

Have a look what the booklet for
CIELCh(91, 59.059, 28.580) contains.

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Color

CIELCh(82, 27.333, 31.363)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBB2
RGB	255, 187, 178
RGB Percent	100%, 73%, 70%
CMY	0.0000, 0.2650, 0.3003
CMYK	0.00, 0.26, 0.30, 0.00
HSL	7°, 100%, 85%
HSV	7°, 30%, 100%
XYZ	67.3459, 60.2982, 50.4285
YIQ	206.3060, 43.4170, 11.6170

Conversions

Conversions Part 2

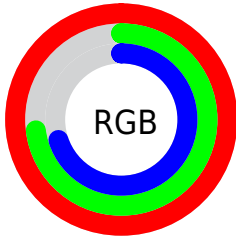
Format	Color
R _Y B	255, 188, 178
Decimal	16759730
CIE Lab	82.00, 23.34, 14.23
CIE LCh	82, 27.333, 31.363
Yxy	60.2982, 0.3782, 0.3386
Android (android.graphics.Color)	4294949810 (0xFFFFBBB2)
YUV	206.3060, -13.9549, 42.7046
Hunter-Lab	77.6519, 18.9186, 15.8523

Details

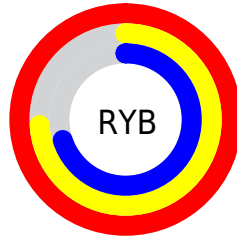
The CIELCh color **82, 27.333, 31.363** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 21.865, 210.489**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 6.289, 66.326**, and **62, 27.604, 31.284** is the 20% darker color. If you saturate the color by 10%, you get **76, 37.704, 32.177**, and if you desaturate by 10%, it is **88, 17.364, 30.898**.

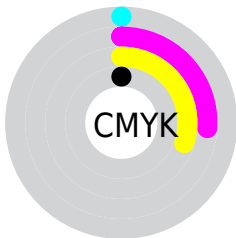
Distribution



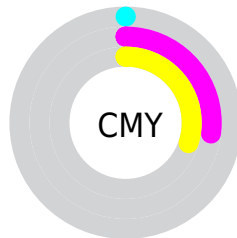
- Red (100%)
- Green (73%)
- Blue (70%)



- Red (100%)
- Yellow (74%)
- Blue (70%)



- Cyan (0%)
- Magenta (26%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 27.333, 31.363 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 82, 27.333, 31.363 by changing the saturation by 10% instead.

 82, 27.333, 31.363

 82, 27.333, 31.363

 100, 27.333,
31.363

 72, 27.333, 31.363

 62, 27.333, 31.363

 52, 27.333, 31.363

 42, 27.333, 31.363

 32, 27.333, 31.363

 22, 27.333, 31.363

 12, 27.333, 31.363

 2, 27.333, 31.363

 0, 27.333, 31.363

82, 27.333, 31.363

82, 27.333, 31.363

76, 37.704, 32.177

88, 17.364, 30.898

71, 48.981, 33.227

94, 8.338, 30.527

66, 60.846, 34.630

100, 0.027, 5.251

62, 73.020, 36.401

100, 0.012,
296.813

59, 84.958, 38.422

56, 95.465, 40.242

54, 102.628,
41.181

Harmonies

Complementary

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



82, 27.333, 31.363



93, 21.865, 210.489

Rectangle

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



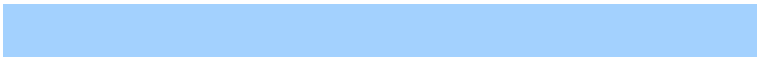
82, 27.333, 31.363



82, 27.333, 81.363



82, 27.333, 211.363



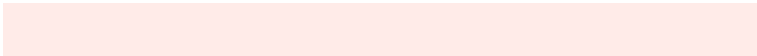
82, 27.333, 261.363

Sweetspot

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



82, 27.149, 31.423



94, 7.448, 30.492



82, 44.303, 329.574



50, 5.207, 30.541



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 27.149, 31.423



79, 33.357, 31.841



91, 27.028, 82.947



50, 4.715, 30.509



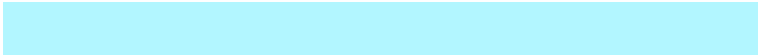
41, 82.328, 41.446



11, 31.201, 32.946

Inverse Universe

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



93, 21.865, 210.489



92, 25.553, 210.640



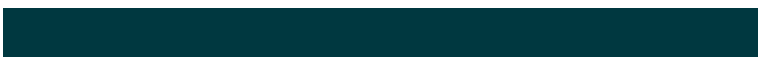
83, 26.307, 271.728



52, 4.431, 210.409



63, 35.526, 217.863



21, 16.493, 214.954

Previews

White Background



This preview shows how the CIELCh color 82, 27.333, 31.363 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 CIE LCh color 82, 27.333, 31.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

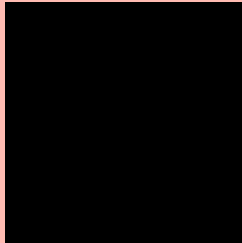
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 27.333, 31.363

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.333, 31.363.



This preview shows how white text looks on a background with the CIELCh color 82, 27.333, 31.363.

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

82, 27.333, 31.363

Protanopia

82, 9.093, 87.421

Deuteranopia

82, 18.027, 55.816



Tritanopia
82, 27.408, 6.271

Trichromacy



Original Color
82, 27.333, 31.363

Protanomaly
82, 13.819, 49.788

Deuteranomaly
82, 20.771, 44.445

Tritanomaly
82, 26.625, 14.885

Monochromacy



Original Color
82, 27.333, 31.363

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 9.140, 29.951

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.333, 31.363 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, 187, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 178)  
}
```

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, 187, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.333, 31.363 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, 187, 178) }
```

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

```
.border{ border-color:rgb(255, 187, 178) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.333, 31.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 178) }
```

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

```
.background{ background-color: rgb(255,  
187, 178) }
```

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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