

Converting Colors

CIELCh(94, 52.495, 27.809)

Have a look what the booklet for
CIELCh(94, 52.495, 27.809) contains.

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Color

CIELCh(85, 21.269, 32.156)

Conversions

Conversions Part 1

Format	Color
Hex	FEC8C0
RGB	254, 200, 192
RGB Percent	100%, 78%, 75%
CMY	0.0051, 0.2166, 0.2479
CMYK	0.00, 0.21, 0.24, 0.01
HSL	8°, 96%, 87%
HSV	8°, 24%, 99%
XYZ	70.8488, 66.0070, 58.7459
YIQ	215.2340, 34.7520, 8.9600

Conversions

Conversions Part 2

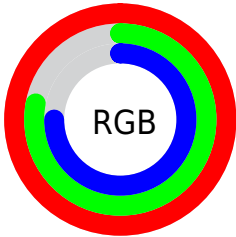
Format	Color
RYB	254, 201, 192
Decimal	16697536
CIELab	85.00, 18.01, 11.32
CIELCh	85, 21.269, 32.156
Yxy	66.0070, 0.3622, 0.3375
Android (android.graphics.Color)	4294887616 (0xFFFE8C0)
YUV	215.2340, -11.4544, 33.9978
Hunter-Lab	81.2447, 13.4814, 14.0003

Details

The CIELCh color **85, 21.269, 32.156** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 17.920, 211.732**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **65, 21.025, 31.801** is the 20% darker color. If you saturate the color by 10%, you get **79, 31.265, 32.715**, and if you desaturate by 10%, it is **91, 12.034, 31.795**.

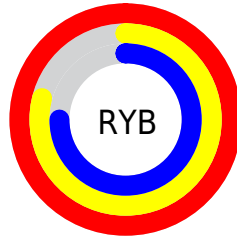
Distribution



Red (100%)

Green (78%)

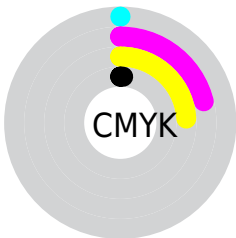
Blue (75%)



Red (100%)

Yellow (79%)

Blue (75%)

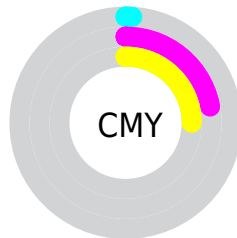


Cyan (0%)

Magenta (21%)

Yellow (24%)

Black (1%)



Cyan (1%)

Magenta (22%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.269, 32.156 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 85, 21.269, 32.156 by changing the saturation by 10% instead.

 85, 21.269, 32.156

 85, 21.269, 32.156

 100, 21.269,
32.156

 75, 21.269, 32.156

 65, 21.269, 32.156

 55, 21.269, 32.156

 45, 21.269, 32.156

 35, 21.269, 32.156

 25, 21.269, 32.156

 15, 21.269, 32.156

 5, 21.269, 32.156

 0, 21.269, 32.156

85, 21.269, 32.156

85, 21.269, 32.156

79, 31.265, 32.715

91, 12.034, 31.795

74, 42.021, 33.514

97, 3.529, 31.468

69, 53.464, 34.620

100, 0.455,
200.834

64, 65.416, 36.076

60, 77.519, 37.850

57, 89.019, 39.717

55, 98.264, 41.012

54, 101.914,
41.383

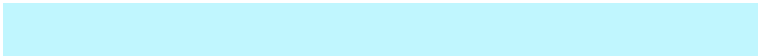
Harmonies

Complementary

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



85, 21.269, 32.156



93, 17.920, 211.732

Rectangle

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



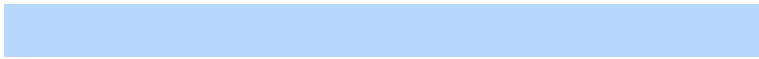
85, 21.269, 32.156



85, 21.269, 82.156



85, 21.269, 212.156



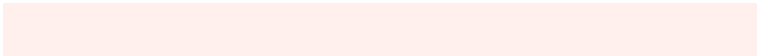
85, 21.269, 262.156

Sweetspot

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



85, 21.267, 32.163



96, 5.693, 31.577



85, 35.902, 329.230



51, 3.708, 31.597



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 21.267, 32.163



83, 25.874, 32.390



92, 21.702, 83.715



50, 4.672, 31.653



41, 82.058, 41.663



11, 31.022, 33.508

Inverse Universe

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



93, 17.920, 211.732



93, 21.017, 211.832



86, 21.238, 270.646



52, 4.392, 211.650



63, 35.325, 220.255



21, 16.383, 217.009

Previews

White Background



This preview shows how the CIELCh color 85, 21.269, 32.156 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 85, 21.269, 32.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

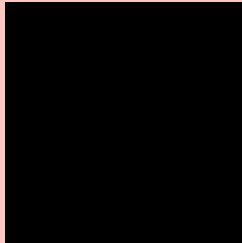
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 21.269, 32.156

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.269, 32.156.

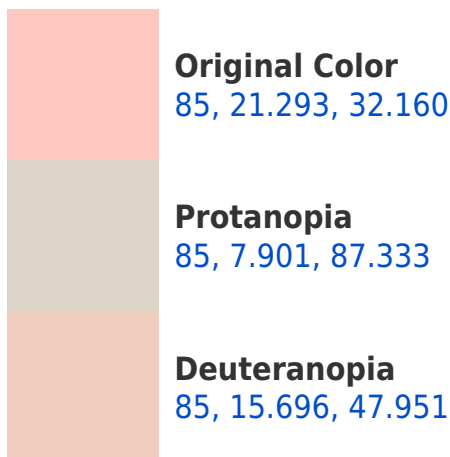


This preview shows how white text looks on a background with the CIELCh color 85, 21.269, 32.156.

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
85, 22.877, 1.299

Trichromacy



Original Color
85, 21.293, 32.160

Protanomaly
85, 11.051, 54.439

Deuteranomaly
85, 17.765, 41.089

Tritanomaly
85, 21.732, 11.500

Monochromacy



Original Color
85, 21.293, 32.160

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.469, 27.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.269, 32.156 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(254, 200, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 200, 192)  
}
```

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(254, 200, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 200, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.269, 32.156 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(254, 200, 192) }
```

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

```
.border{ border-color:rgb(254, 200, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 200, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 200, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 200, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 200,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.269, 32.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 200, 192) }
```

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

```
.background{ background-color: rgb(254,  
200, 192) }
```

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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