

Converting Colors

CIELCh(85, 21.686, 25.604)

Have a look what the booklet for
CIELCh(85, 21.686, 25.604) contains.

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Color

CIELCh(85, 21.608, 26.531)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7C3
RGB	255, 199, 195
RGB Percent	100%, 78%, 76%
CMY	0.0002, 0.2198, 0.2355
CMYK	0.00, 0.22, 0.24, 0.00
HSL	4°, 100%, 88%
HSV	4°, 24%, 100%
XYZ	71.4724, 66.0070, 60.5699
YIQ	215.2880, 34.6600, 10.6280

Conversions

Conversions Part 2

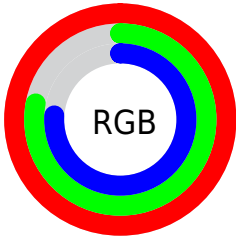
Format	Color
R_{YB}	255, 199, 195
Decimal	16762819
CIE _{Lab}	85.00, 19.33, 9.65
CIE _{LCh}	85, 21.608, 26.531
Yxy	66.0070, 0.3609, 0.3333
Android (android.graphics.Color)	4294952899 (0xFFFFC7C3)
YUV	215.2880, -10.0020, 34.8274
Hunter-Lab	81.2447, 14.8514, 12.6691

Details

The CIELCh color **85, 21.608, 26.531** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 18.349, 204.781**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **65, 21.471, 27.285** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.057, 27.413**, and if you desaturate by 10%, it is **91, 11.922, 25.882**.

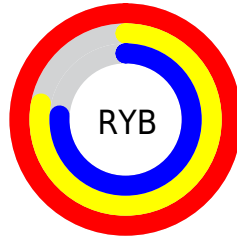
Distribution



Red (100%)

Green (78%)

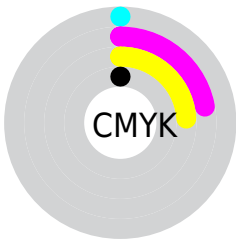
Blue (76%)



Red (100%)

Yellow (78%)

Blue (76%)

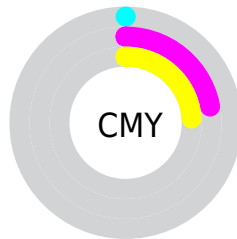


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 21.608, 26.531 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, 21.608, 26.531 by changing the saturation by 10% instead.

 85, 21.608, 26.531

 85, 21.608, 26.531

 100, 21.608,
26.531

 75, 21.608, 26.531

 65, 21.608, 26.531

 55, 21.608, 26.531

 45, 21.608, 26.531

 35, 21.608, 26.531

 25, 21.608, 26.531

 15, 21.608, 26.531

 5, 21.608, 26.531

 0, 21.608, 26.531

85, 21.608, 26.531

85, 21.608, 26.531

79, 32.057, 27.413

91, 11.922, 25.882

73, 43.238, 28.589

98, 2.987, 25.261

68, 55.030, 30.151

100, 0.022,
230.586

63, 67.202, 32.168

59, 79.358, 34.640

56, 90.774, 37.351

54, 99.870, 39.589

54, 103.698,
40.509

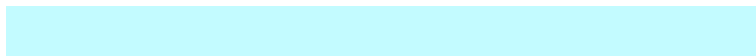
Harmonies

Complementary

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



85, 21.608, 26.531



95, 18.349, 204.781

Rectangle

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



85, 21.608, 26.531



85, 21.608, 76.531



85, 21.608, 206.531



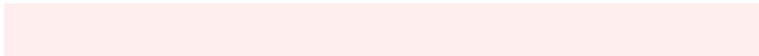
85, 21.608, 256.531

Sweetspot

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



85, 21.606, 26.538



95, 6.004, 25.513



86, 35.971, 327.627



50, 3.911, 25.549



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, 21.606, 26.538



82, 26.185, 26.897



92, 20.193, 79.196



50, 4.927, 25.656



40, 83.305, 40.685



10, 32.063, 30.440

Inverse Universe

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



95, 18.349, 204.781



94, 21.475, 204.713



87, 19.437, 265.879



52, 4.631, 205.144



66, 37.056, 207.770



22, 17.198, 206.284

Previews

White Background



This preview shows how the CIELCh color 85, 21.608, 26.531 looks on a white background.

Color Contrast Check

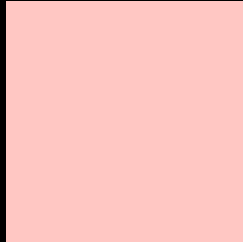
Large Text (above 18pt) WCAG AA × Fail

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 85, 21.608, 26.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

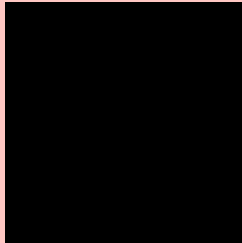
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 21.608, 26.531

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.608, 26.531.

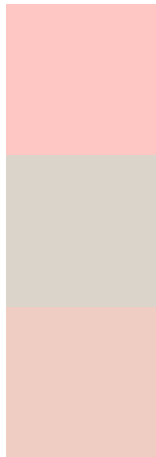


This preview shows how white text looks on a background with the CIELCh color 85, 21.608, 26.531.

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

85, 21.608, 26.531

Protanopia

85, 5.826, 83.298

Deuteranopia

85, 14.580, 43.419



Tritanopia
85, 22.877, 1.299

Trichromacy



Original Color
85, 21.608, 26.531

Protanomaly
85, 10.300, 43.915

Deuteranomaly
85, 16.787, 36.715

Tritanomaly
85, 21.784, 10.140

Monochromacy



Original Color
85, 21.608, 26.531

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.777, 23.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.608, 26.531 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, 199, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 195)  
}
```

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, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.608, 26.531 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, 199, 195) }
```

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

```
.border{ border-color:rgb(255, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.608, 26.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 195) }
```

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

```
.background{ background-color: rgb(255,  
199, 195) }
```

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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