

Converting Colors

CIELCh(85, 21.705, 51.721)

Have a look what the booklet for
CIELCh(85, 21.705, 51.721) contains.

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Color

CIELCh(85, 21.553, 52.512)

Conversions

Conversions Part 1

Format	Color
Hex	F9CBB5
RGB	249, 203, 181
RGB Percent	98%, 80%, 71%
CMY	0.0246, 0.2049, 0.2912
CMYK	0.00, 0.18, 0.27, 0.02
HSL	19°, 84%, 84%
HSV	19°, 27%, 98%
XYZ	68.5812, 66.0070, 52.7070
YIQ	214.2460, 34.4780, 2.9100

Conversions

Conversions Part 2

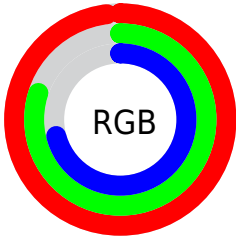
Format	Color
RYB	249, 214, 181
Decimal	16370613
CIELab	85.00, 13.12, 17.10
CIELCh	85, 21.553, 52.512
Yxy	66.0070, 0.3662, 0.3524
Android (android.graphics.Color)	4294560693 (0xFFFF9CBB5)
YUV	214.2460, -16.3903, 30.4793
Hunter-Lab	81.2447, 8.4992, 18.4073

Details

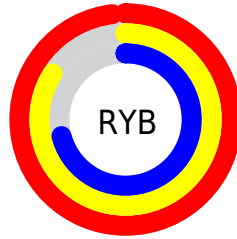
The CIELCh color **85, 21.553, 52.512** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 18.437, 237.443**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **65, 21.734, 52.686** is the 20% darker color. If you saturate the color by 10%, you get **81, 30.585, 51.944**, and if you desaturate by 10%, it is **90, 13.161, 53.167**.

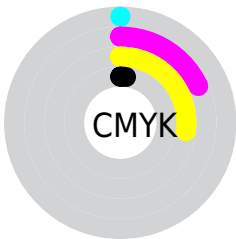
Distribution



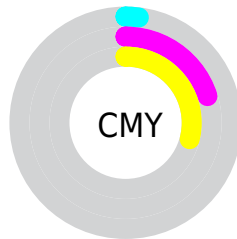
- Red (98%)
- Green (80%)
- Blue (71%)



- Red (98%)
- Yellow (84%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 21.553, 52.512 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, 21.553, 52.512 by changing the saturation by 10% instead.

 85, 21.553, 52.512

 85, 21.553, 52.512

 100, 21.553,
52.512

 75, 21.553, 52.512

 65, 21.553, 52.512

 55, 21.553, 52.512

 45, 21.553, 52.512

 35, 21.553, 52.512

 25, 21.553, 52.512

 15, 21.553, 52.512

 5, 21.553, 52.512

 0, 21.553, 52.512

85, 21.553, 52.512

85, 21.553, 52.512

81, 30.585, 51.944

90, 13.161, 53.167

76, 40.279, 51.461

94, 5.365, 53.827

72, 50.602, 51.080

99, 1.793, 230.040

68, 61.408, 50.774

100, 2.174,
199.572

65, 72.323, 50.443

61, 82.493, 49.814

59, 90.395, 48.372

58, 92.229, 47.972

Harmonies

Complementary

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



85, 21.553, 52.512



88, 18.437, 237.443

Rectangle

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



85, 21.553, 52.512



85, 21.553, 102.512



85, 21.553, 232.512



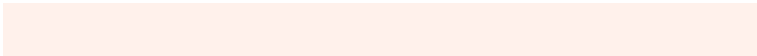
85, 21.553, 282.512

Sweetspot

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



85, 21.552, 52.520



96, 5.989, 53.785



81, 34.451, 336.985



51, 4.280, 53.690



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, 21.552, 52.520



84, 27.138, 52.181



93, 28.784, 98.221



50, 4.209, 53.691



44, 74.479, 48.559



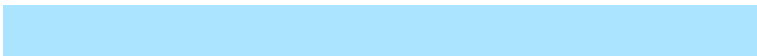
13, 27.030, 45.191

Inverse Universe

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



88, 18.437, 237.443



88, 22.357, 238.317



79, 29.819, 285.163



50, 4.009, 235.391



51, 40.647, 260.474



15, 17.225, 252.928

Previews

White Background



This preview shows how the CIELCh color 85, 21.553, 52.512 looks on a white background.

Color Contrast Check

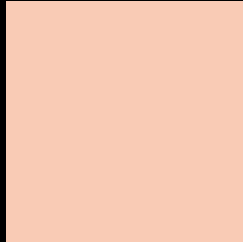
Large Text (above 18pt) WCAG AA × Fail

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, 21.553, 52.512 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, 21.553, 52.512

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.553, 52.512.



This preview shows how white text looks on a background with the CIELCh color 85, 21.553, 52.512.

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, 21.553, 52.512

Protanopia

85, 14.736, 92.364

Deuteranopia

85, 20.222, 58.398

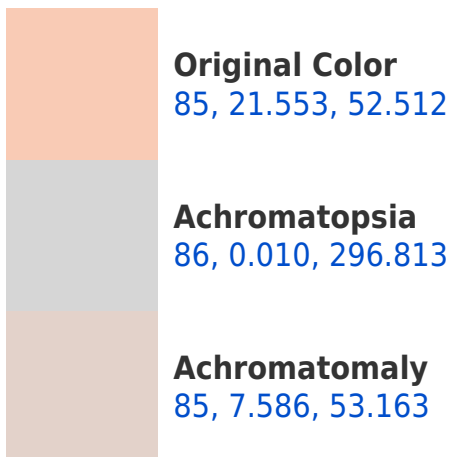


Tritanopia
85, 21.447, 359.752

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.553, 52.512 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(249, 203, 181)` looks like.

```
.text, #text, p{  
    color:rgb(249, 203, 181)  
}
```

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(249, 203, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 203, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.553, 52.512 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(249, 203, 181) }
```

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

```
.border{ border-color:rgb(249, 203, 181) }
```

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

Here you see how a box with a 4 pixel rgb(249, 203, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 203, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 203, 181);  
box-shadow:4px 4px 4px 4px rgb(249, 203,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.553, 52.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 203, 181) }
```

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

```
.background{ background-color: rgb(249,  
203, 181) }
```

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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