

# Converting Colors

CIELCh(84, 16.541, 25.247)

Have a look what the booklet for  
CIELCh(84, 16.541, 25.247) contains.

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# Color

**CIELCh(84, 16.752, 24.227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3C7C5
RGB	243, 199, 197
RGB Percent	95%, 78%, 77%
CMY	0.0463, 0.2188, 0.2267
CMYK	0.00, 0.18, 0.19, 0.05
HSL	3°, 66%, 86%
HSV	3°, 19%, 95%
XYZ	67.5992, 64.0658, 61.7413
YIQ	211.9280, 26.8660, 8.7060

# Conversions

## Conversions Part 2

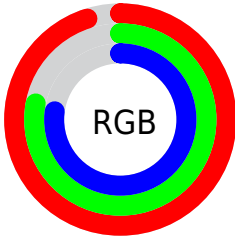
Format	Color
R <sub>Y</sub> B	243, 199, 197
Decimal	15976389
CIE Lab	84.00, 15.28, 6.87
CIE LCh	84, 16.752, 24.227
Yxy	64.0658, 0.3495, 0.3312
Android (android.graphics.Color)	4294166469 (0xFFFF3C7C5)
YUV	211.9280, -7.3595, 27.2501
Hunter-Lab	80.0411, 10.6813, 10.2943

# Details

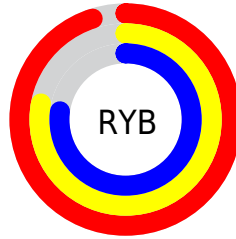
The CIELCh color **84, 16.752, 24.227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 14.747, 202.545**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **64, 16.674, 24.779** is the 20% darker color. If you saturate the color by 10%, you get **78, 26.654, 25.105**, and if you desaturate by 10%, it is **90, 7.581, 23.551**.

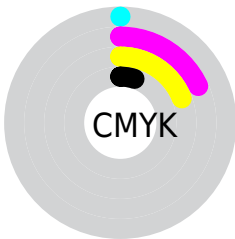
# Distribution



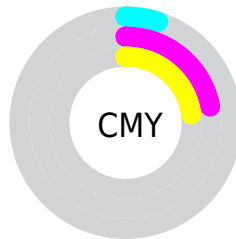
- Red (95%)
- Green (78%)
- Blue (77%)



- Red (95%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (23%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 16.752, 24.227 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 84, 16.752, 24.227 by changing the saturation by 10% instead.



 84, 16.752, 24.227

 84, 16.752, 24.227

 100, 16.752,  
24.227

 74, 16.752, 24.227

 64, 16.752, 24.227

 54, 16.752, 24.227

 44, 16.752, 24.227

 34, 16.752, 24.227

 24, 16.752, 24.227

 14, 16.752, 24.227

 4, 16.752, 24.227

 0, 16.752, 24.227

84, 16.752, 24.227

84, 16.752, 24.227

78, 26.654, 25.105

90, 7.581, 23.551

72, 37.271, 26.256

97, 0.882, 203.891

67, 48.508, 27.779

99, 4.072, 199.310

62, 60.170, 29.764

58, 71.935, 32.267

55, 83.287, 35.203

52, 93.201, 38.115

51, 99.781, 40.098

51, 100.358,  
40.325

# Harmonies

# Complementary

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



84, 16.752, 24.227



92, 14.747, 202.545

# Rectangle

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



84, 16.752, 24.227



84, 16.752, 74.227



84, 16.752, 204.227



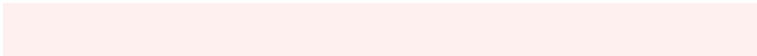
84, 16.752, 254.227

# Sweetspot

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



84, 16.750, 24.235



96, 5.238, 23.356



85, 28.460, 326.393



51, 3.483, 23.402



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

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



84, 16.750, 24.235



85, 21.519, 24.567



90, 15.128, 76.511



48, 4.868, 23.588



39, 81.945, 40.454



9, 30.091, 27.318



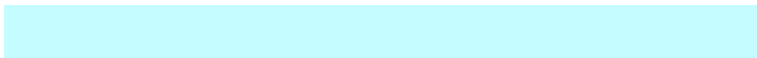


# Inverse Universe

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



92, 14.747, 202.545



96, 18.374, 202.416



86, 14.541, 261.711



50, 4.578, 202.909



66, 37.302, 203.553



21, 16.704, 202.551



# Previews

## White Background



This preview shows how the CIELCh color 84, 16.752, 24.227 looks on a white background.

## Color Contrast Check

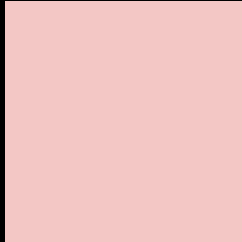
Large Text (above 18pt) WCAG AA × Fail

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 84, 16.752, 24.227 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

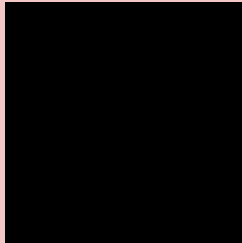
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 84, 16.752, 24.227

## Background



This preview shows how black text looks on a background with the CIELCh color 84, 16.752, 24.227.

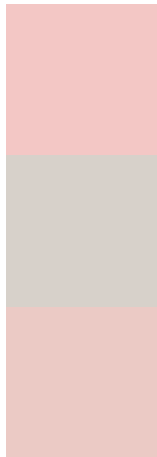


This preview shows how white text looks on a background with the CIELCh color 84, 16.752, 24.227.

# 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

84, 16.752, 24.227

### Protanopia

84, 4.273, 78.632

### Deuteranopia

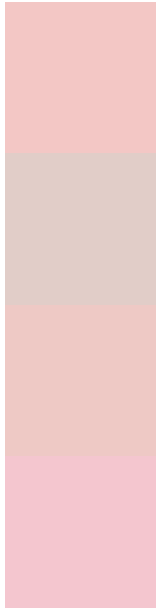
84, 12.762, 32.095



**Tritanopia**  
84, 19.386, 357.085



# Trichromacy



**Original Color**  
84, 16.752, 24.227

**Protanomaly**  
84, 7.913, 39.202

**Deuteranomaly**  
84, 14.184, 28.883

**Tritanomaly**  
84, 17.773, 5.471

# Monochromacy



**Original Color**  
84, 16.752, 24.227

**Achromatopsia**  
85, 0.010, 296.813

**Achromatomaly**  
84, 5.891, 19.751

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 84, 16.752, 24.227 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(243, 199, 197)` looks like.

```
.text, #text, p{  
    color:rgb(243, 199, 197)  
}
```

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(243, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 199, 197) }
```

## Border

The CSS property to change the border of an element to CIELCh 84, 16.752, 24.227 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(243, 199, 197) }
```

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

```
.border{ border-color:rgb(243, 199, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(243, 199,  
197) }
```

# Background

The CSS property to change the background color of an element to CIELCh 84, 16.752, 24.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 199, 197) }
```

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

```
.background{ background-color: rgb(243,  
199, 197) }
```

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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