

Converting Colors

CIELCh(84, 3.739, 19.535)

Have a look what the booklet for
CIELCh(84, 3.739, 19.535) contains.

CIELCh(84, 3.664, 19.525)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(84, 3.664, 19.525)

Conversions

Conversions Part 1

Format	Color
Hex	D9CFCF
RGB	217, 207, 207
RGB Percent	85%, 81%, 81%
CMY	0.1480, 0.1872, 0.1872
CMYK	0.00, 0.05, 0.05, 0.15
HSL	0°, 12%, 83%
HSV	0°, 5%, 85%
XYZ	62.3679, 64.0658, 68.2809
YIQ	209.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

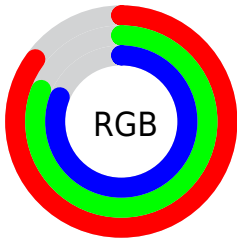
Format	Color
R_{YB}	217, 207, 207
Decimal	14274511
CIE Lab	84.00, 3.45, 1.22
CIE LCh	84, 3.664, 19.525
Yxy	64.0658, 0.3203, 0.3290
Android (android.graphics.Color)	4292464591 (0xFFD9CFCF)
YUV	209.9900, -1.4741, 6.1478
Hunter-Lab	80.0411, -0.9850, 5.4501

Details

The CIELCh color **84, 3.664, 19.525** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 3.558, 199.348**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 3.493, 19.603** is the 20% darker color. If you saturate the color by 10%, you get **78, 12.084, 20.381**, and if you desaturate by 10%, it is **90, 4.124, 199.302**.

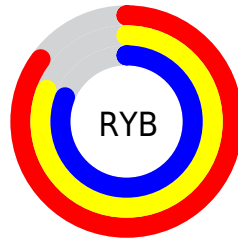
Distribution



Red (85%)

Green (81%)

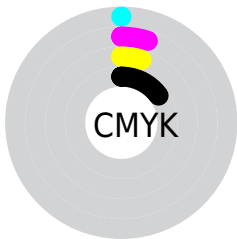
Blue (81%)



Red (85%)

Yellow (81%)

Blue (81%)

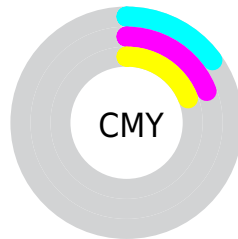


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 3.664, 19.525 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, 3.664, 19.525 by changing the saturation by 10% instead.



84, 3.664, 19.525

84, 3.664, 19.525

78, 12.084, 20.381

90, 4.124, 199.302

72, 21.169, 21.326

96, 11.325,
198.773

67, 30.900, 22.541

97, 12.684,
198.659

61, 41.191, 24.128

57, 51.862, 26.196

53, 62.625, 28.846

49, 73.079, 32.092

47, 82.595, 35.673

46, 89.816, 38.737

Harmonies

Complementary

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



84, 3.664, 19.525



86, 3.558, 199.348

Rectangle

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



84, 3.664, 19.525



84, 3.664, 69.525



84, 3.664, 199.525



84, 3.664, 249.525

Sweetspot

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



84, 3.663, 19.556



99, 0.894, 18.759



84, 6.423, 324.651



53, 0.508, 18.717



0, 0.000, 0.000



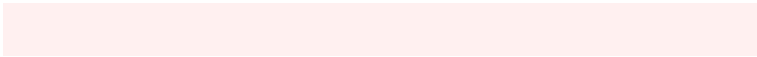
53, 0.007, 296.813

Same Dimension

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



84, 3.663, 19.556



96, 5.466, 19.687



85, 3.178, 74.740



44, 3.210, 19.734



36, 78.230, 39.933



5, 23.834, 20.287

Inverse Universe

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



86, 3.558, 199.348



99, 5.262, 199.230



85, 3.157, 256.117



46, 3.080, 199.190



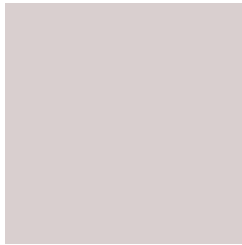
64, 37.511, 196.444



16, 15.067, 196.434

Previews

White Background



This preview shows how the CIELCh color 84, 3.664, 19.525 looks on a white background.

Color Contrast Check

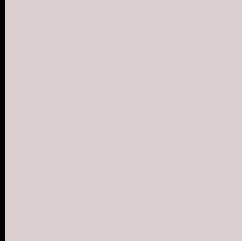
Large Text (above 18pt) WCAG AA × Fail

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 84, 3.664, 19.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

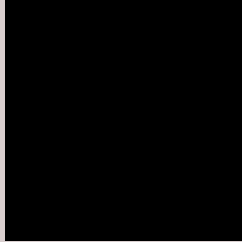
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

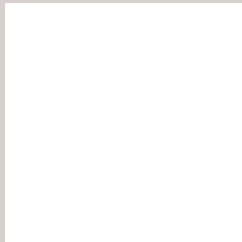
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 3.664, 19.525

Background



This preview shows how black text looks on a background with the CIELCh color 84, 3.664, 19.525.

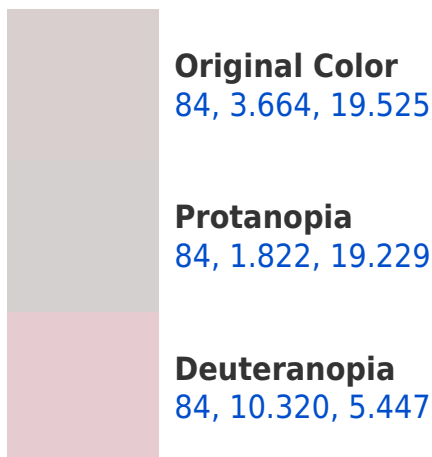



This preview shows how white text looks on a background with the CIELCh color 84, 3.664, 19.525.

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
84, 9.869, 321.322

Trichromacy



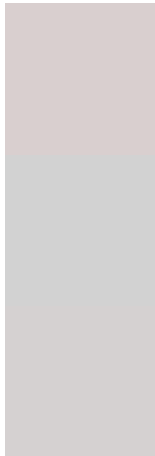
Original Color
84, 3.664, 19.525

Protanomaly
84, 2.556, 19.373

Deuteranomaly
84, 7.537, 7.860

Tritanomaly
84, 6.863, 329.676

Monochromacy



Original Color
84, 3.664, 19.525

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 1.456, 19.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 3.664, 19.525 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(217, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(217, 207, 207)  
}
```

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(217, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 207, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 3.664, 19.525 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(217, 207, 207) }
```

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

```
.border{ border-color:rgb(217, 207, 207) }
```

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

Here you see how a box with a 4 pixel rgb(217, 207, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(217, 207,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 3.664, 19.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 207, 207) }
```

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

```
.background{ background-color: rgb(217,  
207, 207) }
```

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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