

Converting Colors

CIELCh(84, 3.791, 59.963)

Have a look what the booklet for
CIELCh(84, 3.791, 59.963) contains.

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Color

CIELCh(84, 3.932, 61.320)

Conversions

Conversions Part 1

Format	Color
Hex	D8D0CB
RGB	216, 208, 203
RGB Percent	85%, 82%, 80%
CMY	0.1527, 0.1840, 0.2037
CMYK	0.00, 0.04, 0.06, 0.15
HSL	23°, 14%, 82%
HSV	23°, 6%, 85%
XYZ	61.6958, 64.0658, 65.6529
YIQ	209.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

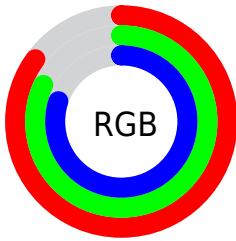
Format	Color
RYB	216, 211, 203
Decimal	14209227
CIELab	84.00, 1.89, 3.45
CIELCh	84, 3.932, 61.320
Yxy	64.0658, 0.3223, 0.3347
Android (android.graphics.Color)	4292399307 (0xFFD8D0CB)
YUV	209.8220, -3.3632, 5.4181
Hunter-Lab	80.0411, -2.4837, 7.3967

Details

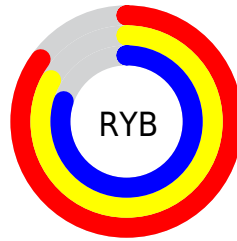
The CIELCh color **84, 3.932, 61.320** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 3.843, 242.806**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 3.886, 65.030** is the 20% darker color. If you saturate the color by 10%, you get **80, 10.816, 60.471**, and if you desaturate by 10%, it is **88, 2.534, 242.643**.

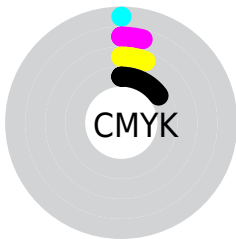
Distribution



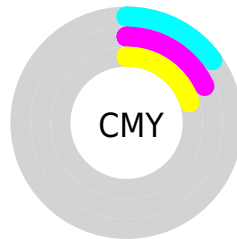
- Red (85%)
- Green (82%)
- Blue (80%)



- Red (85%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 3.932, 61.320 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, 3.932, 61.320 by changing the saturation by 10% instead.

■ 84, 3.932, 61.320

■ 84, 3.932, 61.320

■ 100, 3.932, 61.320

■ 74, 3.932, 61.320

■ 64, 3.932, 61.320

■ 54, 3.932, 61.320

■ 44, 3.932, 61.320

■ 34, 3.932, 61.320

■ 24, 3.932, 61.320

■ 14, 3.932, 61.320

■ 4, 3.932, 61.320

■ 0, 3.932, 61.320

84, 3.932, 61.320

84, 3.932, 61.320

80, 10.816, 60.471

88, 2.534, 242.643

76, 18.163, 59.554

92, 8.628, 243.484

73, 26.007, 58.666

96, 11.202,
217.763

69, 34.367, 57.827

97, 13.071,
198.633

65, 43.216, 57.037

62, 52.438, 56.272

59, 61.741, 55.443

56, 70.472, 54.333

54, 77.463, 52.519

Harmonies

Complementary

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



84, 3.932, 61.320



84, 3.843, 242.806

Rectangle

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



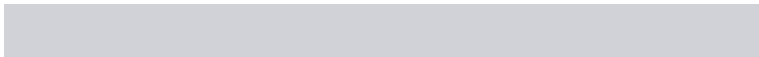
84, 3.932, 61.320



84, 3.932, 111.320



84, 3.932, 241.320



84, 3.932, 291.320

Sweetspot

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



84, 3.932, 61.356



99, 1.472, 61.497



83, 6.380, 338.245



53, 0.837, 61.487



0, 0.000, 0.000



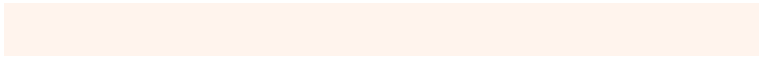
53, 0.007, 296.813

Same Dimension

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



84, 3.932, 61.356



97, 5.251, 61.273



86, 6.025, 104.331



43, 2.961, 61.234



42, 66.717, 52.383



8, 17.508, 46.011

Inverse Universe

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



84, 3.843, 242.806



97, 5.105, 242.904



82, 6.100, 285.659



44, 2.872, 242.950



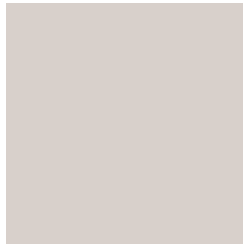
43, 42.160, 269.888



9, 14.526, 258.497

Previews

White Background



This preview shows how the CIELCh color 84, 3.932, 61.320 looks on a white background.

Color Contrast Check

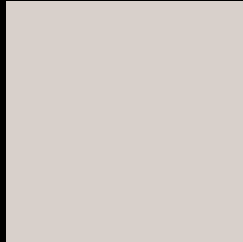
Large Text (above 18pt) WCAG AA × Fail

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, 3.932, 61.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

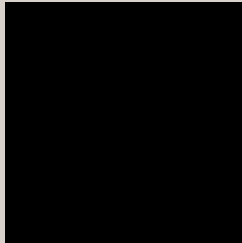
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 3.932, 61.320

Background



This preview shows how black text looks on a background with the CIELCh color 84, 3.932, 61.320.

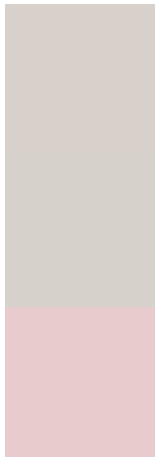


This preview shows how white text looks on a background with the CIELCh color 84, 3.932, 61.320.

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, 3.932, 61.320

Protanopia

84, 3.830, 74.643

Deuteranopia

84, 10.818, 17.414



Tritanopia
84, 9.869, 321.322

Trichromacy



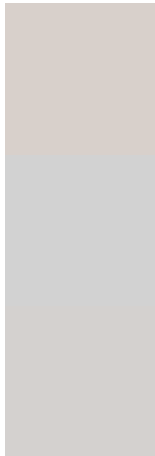
Original Color
84, 3.932, 61.320

Protanomaly
84, 3.830, 74.643

Deuteranomaly
84, 7.807, 23.764

Tritanomaly
84, 6.090, 335.989

Monochromacy



Original Color
84, 3.932, 61.320

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 1.504, 63.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 3.932, 61.320 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(216, 208, 203)` looks like.

```
.text, #text, p{  
    color:rgb(216, 208, 203)  
}
```

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(216, 208, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 208, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 3.932, 61.320 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(216, 208, 203) }
```

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

```
.border{ border-color:rgb(216, 208, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 208, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 208, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 208, 203); box-shadow:4px 4px 4px 4px rgb(216, 208, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 3.932, 61.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 208, 203) }
```

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

```
.background{ background-color: rgb(216,  
208, 203) }
```

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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