

Converting Colors

CIELCh(84, 9.450, 351.959)

Have a look what the booklet for
CIELCh(84, 9.450, 351.959) contains.

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Color

CIELCh(84, 9.103, 352.559)

Conversions

Conversions Part 1

Format	Color
Hex	E2CCD4
RGB	226, 204, 212
RGB Percent	89%, 80%, 83%
CMY	0.1140, 0.2002, 0.1689
CMYK	0.00, 0.10, 0.06, 0.11
HSL	338°, 27%, 84%
HSV	338°, 10%, 89%
XYZ	64.7987, 64.0658, 71.1974
YIQ	211.4900, 10.5440, 7.1520

Conversions

Conversions Part 2

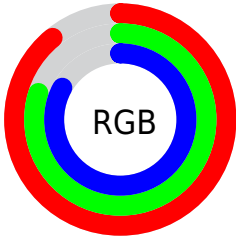
Format	Color
R _Y B	226, 204, 212
Decimal	14863572
CIE Lab	84.00, 9.03, -1.18
CIE LCh	84, 9.103, 352.559
Yxy	64.0658, 0.3239, 0.3202
Android (android.graphics.Color)	4293053652 (0xFFE2CCD4)
YUV	211.4900, 0.2514, 12.7253
Hunter-Lab	80.0411, 4.4360, 3.2897

Details

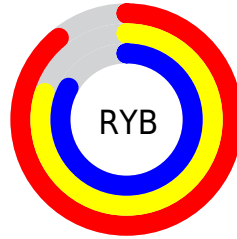
The CIELCh color **84, 9.103, 352.559** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 8.898, 170.878**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 9.040, 354.805** is the 20% darker color. If you saturate the color by 10%, you get **78, 18.749, 353.653**, and if you desaturate by 10%, it is **90, 0.237, 173.793**.

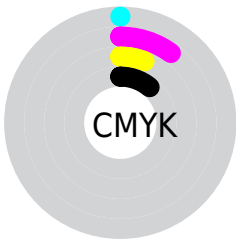
Distribution



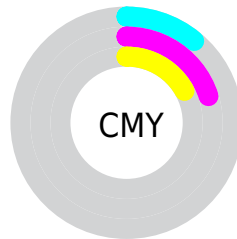
- Red (89%)
- Green (80%)
- Blue (83%)



- Red (89%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 9.103, 352.559 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, 9.103, 352.559 by changing the saturation by 10% instead.

 84, 9.103, 352.559

 84, 9.103, 352.559

 100, 9.103,
352.559

 74, 9.103, 352.559

 64, 9.103, 352.559


 54, 9.103, 352.559

 44, 9.103, 352.559

 34, 9.103, 352.559

 24, 9.103, 352.559

 14, 9.103, 352.559

 4, 9.103, 352.559

 0, 9.103, 352.559

84, 9.103, 352.559

84, 9.103, 352.559

78, 18.749,
353.653

90, 0.237, 173.793

72, 28.600,
354.886

96, 9.213, 170.916

98, 9.864, 198.850

67, 38.464,
356.333

62, 48.045,
358.074

58, 56.937, 0.221

54, 64.661, 2.920

51, 70.791, 6.349

49, 75.148, 10.675

48, 78.182, 15.839

Harmonies

Complementary

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



84, 9.103, 352.559



88, 8.898, 170.878

Rectangle

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



84, 9.103, 352.559



84, 9.103, 42.559



84, 9.103, 172.559



84, 9.103, 222.559

Sweetspot

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



84, 9.101, 352.566



98, 3.060, 351.805



84, 12.683, 313.978



52, 2.322, 351.917



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, 9.101, 352.566



92, 12.425, 352.812



85, 7.233, 32.091



44, 5.276, 352.535



37, 64.716, 14.972



6, 25.530, 4.045

Inverse Universe

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



84, 9.101, 352.566



92, 12.425, 352.812



88, 6.791, 212.119



44, 5.276, 352.535



37, 64.716, 14.972



6, 25.530, 4.045

Previews

White Background



This preview shows how the CIELCh color 84, 9.103, 352.559 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, 9.103, 352.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

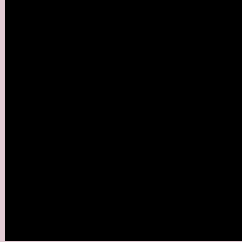
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 9.103, 352.559

Background



This preview shows how black text looks on a background with the CIELCh color 84, 9.103, 352.559.



This preview shows how white text looks on a background with the CIELCh color 84, 9.103, 352.559.

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, 9.103, 352.559

Protanopia

84, 3.987, 311.622

Deuteranopia

84, 10.658, 353.876



Tritanopia
84, 12.139, 336.385

Trichromacy



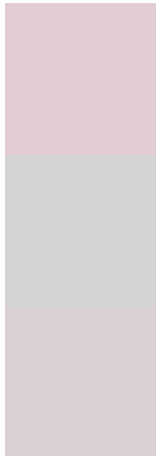
Original Color
84, 9.103, 352.559

Protanomaly
84, 5.200, 334.528

Deuteranomaly
84, 10.328, 352.925

Tritanomaly
84, 11.122, 342.290

Monochromacy



Original Color
84, 9.103, 352.559

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 3.328, 351.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 9.103, 352.559 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(226, 204, 212)` looks like.

```
.text, #text, p{  
    color:rgb(226, 204, 212)  
}
```

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(226, 204, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 204, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 9.103, 352.559 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(226, 204, 212) }
```

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

```
.border{ border-color:rgb(226, 204, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 204, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 204, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 204, 212); box-shadow:4px 4px 4px 4px rgb(226, 204, 212) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 9.103, 352.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 204, 212) }
```

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

```
.background{ background-color: rgb(226,  
204, 212) }
```

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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