

Converting Colors

CIELCh(84, 5.120, 8.763)

Have a look what the booklet for
CIELCh(84, 5.120, 8.763) contains.

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Color

CIELCh(84, 5.248, 8.151)

Conversions

Conversions Part 1

Format	Color
Hex	DCCED0
RGB	220, 206, 208
RGB Percent	86%, 81%, 82%
CMY	0.1364, 0.1913, 0.1834
CMYK	0.00, 0.06, 0.05, 0.14
HSL	351°, 17%, 84%
HSV	351°, 6%, 86%
XYZ	63.1209, 64.0658, 68.8575
YIQ	210.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

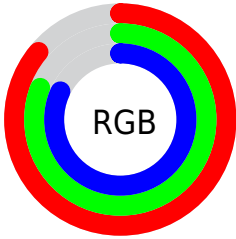
Format	Color
R _Y B	220, 206, 208
Decimal	14470864
CIE Lab	84.00, 5.19, 0.74
CIE LCh	84, 5.248, 8.151
Yxy	64.0658, 0.3220, 0.3268
Android (android.graphics.Color)	4292660944 (0xFFDCCED0)
YUV	210.4140, -1.1901, 8.4069
Hunter-Lab	80.0411, 0.6944, 5.0230

Details

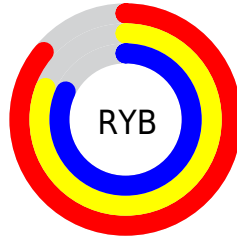
The CIELCh color **84, 5.248, 8.151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 5.092, 187.304**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 5.178, 7.435** is the 20% darker color. If you saturate the color by 10%, you get **78, 13.909, 9.236**, and if you desaturate by 10%, it is **90, 2.910, 187.629**.

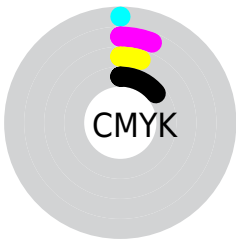
Distribution



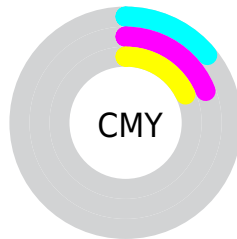
- Red (86%)
- Green (81%)
- Blue (82%)



- Red (86%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 5.248, 8.151 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, 5.248, 8.151 by changing the saturation by 10% instead.

84, 5.248, 8.151

84, 5.248, 8.151

100, 5.248, 8.151

74, 5.248, 8.151

64, 5.248, 8.151

54, 5.248, 8.151

44, 5.248, 8.151

34, 5.248, 8.151

24, 5.248, 8.151

14, 5.248, 8.151

4, 5.248, 8.151

0, 5.248, 8.151

84, 5.248, 8.151

84, 5.248, 8.151

78, 13.909, 9.236

90, 2.910, 187.629

72, 23.054, 10.460

96, 10.572,
186.768

67, 32.601, 11.953

98, 11.729,
198.722

62, 42.389, 13.814

57, 52.157, 16.170

53, 61.569, 19.161

50, 70.280, 22.911

48, 78.045, 27.418

46, 84.721, 32.368

Harmonies

Complementary

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



84, 5.248, 8.151



87, 5.092, 187.304

Rectangle

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



84, 5.248, 8.151



84, 5.248, 58.151



84, 5.248, 188.151



84, 5.248, 238.151

Sweetspot

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



84, 5.246, 8.169



99, 1.837, 7.551



84, 8.571, 320.549



53, 1.044, 7.524



0, 0.000, 0.000



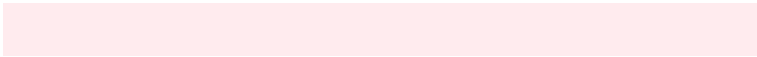
53, 0.007, 296.813

Same Dimension

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



84, 5.246, 8.169



95, 7.475, 8.351



85, 4.200, 57.101



43, 4.713, 8.493



36, 72.106, 33.167



5, 23.721, 14.105

Inverse Universe

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



84, 5.246, 8.169



95, 7.475, 8.351



86, 4.084, 238.474



43, 4.713, 8.493



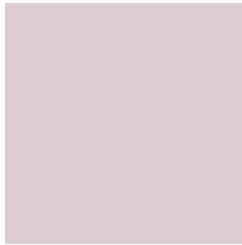
36, 72.106, 33.167



5, 23.721, 14.105

Previews

White Background



This preview shows how the CIELCh color 84, 5.248, 8.151 looks on a white background.

Color Contrast Check

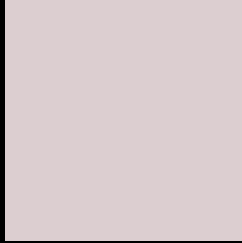
Large Text (above 18pt) WCAG AA × Fail

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, 5.248, 8.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

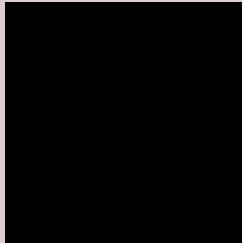
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

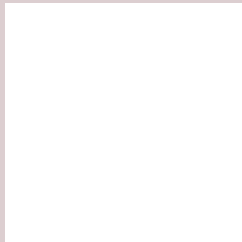
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 5.248, 8.151

Background



This preview shows how black text looks on a background with the CIELCh color 84, 5.248, 8.151.



This preview shows how white text looks on a background with the CIELCh color 84, 5.248, 8.151.

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, 5.248, 8.151

Protanopia

84, 2.115, 349.402

Deuteranopia

84, 10.452, 2.654



Tritanopia
84, 10.686, 328.054

Trichromacy



Original Color

84, 5.248, 8.151

Protanomaly

84, 3.460, 1.798

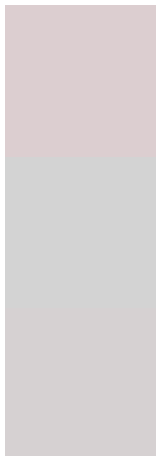
Deuteranomaly

84, 8.518, 2.058

Tritanomaly

84, 8.233, 335.249

Monochromacy



Original Color

84, 5.248, 8.151

Achromatopsia

85, 0.010, 296.813

Achromatomaly

84, 1.901, 3.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 5.248, 8.151 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(220, 206, 208)` looks like.

```
.text, #text, p{  
    color:rgb(220, 206, 208)  
}
```

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(220, 206, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 206, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 5.248, 8.151 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(220, 206, 208) }
```

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

```
.border{ border-color:rgb(220, 206, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 206, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 206, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 206, 208);  
box-shadow:4px 4px 4px 4px rgb(220, 206,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 5.248, 8.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 206, 208) }
```

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

```
.background{ background-color: rgb(220,  
206, 208) }
```

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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