

Converting Colors

CIELCh(84, 13.325, 56.050)

Have a look what the booklet for
CIELCh(84, 13.325, 56.050) contains.

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Color

CIELCh(84, 13.339, 56.033)

Conversions

Conversions Part 1

Format	Color
Hex	E8CCBD
RGB	232, 204, 189
RGB Percent	91%, 80%, 74%
CMY	0.0899, 0.1997, 0.2585
CMYK	0.00, 0.12, 0.19, 0.09
HSL	21°, 48%, 83%
HSV	21°, 19%, 91%
XYZ	64.1061, 64.0658, 57.1722
YIQ	210.6620, 21.5030, 1.2710

Conversions

Conversions Part 2

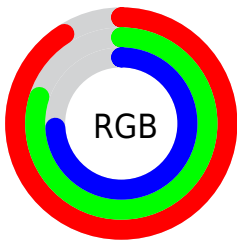
Format	Color
R _Y B	232, 212, 189
Decimal	15256765
CIE Lab	84.00, 7.45, 11.06
CIE LCh	84, 13.339, 56.033
Yxy	64.0658, 0.3459, 0.3457
Android (android.graphics.Color)	4293446845 (0xFFE8CCBD)
YUV	210.6620, -10.6794, 18.7134
Hunter-Lab	80.0411, 2.8913, 13.6788

Details

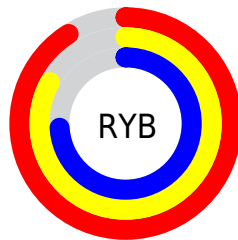
The CIELCh color **84, 13.339, 56.033** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 12.138, 239.633**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **64, 13.245, 55.873** is the 20% darker color. If you saturate the color by 10%, you get **80, 21.292, 55.285**, and if you desaturate by 10%, it is **88, 5.926, 56.819**.

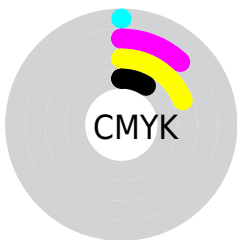
Distribution



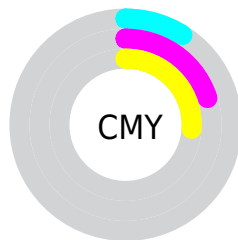
- Red (91%)
- Green (80%)
- Blue (74%)



- Red (91%)
- Yellow (83%)
- Blue (74%)



- Cyan (0%)
- Magenta (12%)
- Yellow (19%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 13.339, 56.033 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, 13.339, 56.033 by changing the saturation by 10% instead.

 84, 13.339, 56.033

 84, 13.339, 56.033

 100, 13.339,
56.033

 74, 13.339, 56.033

 64, 13.339, 56.033

 54, 13.339, 56.033

 44, 13.339, 56.033

 34, 13.339, 56.033

 24, 13.339, 56.033

 14, 13.339, 56.033

 4, 13.339, 56.033

 0, 13.339, 56.033

84, 13.339, 56.033

84, 13.339, 56.033

80, 21.292, 55.285

88, 5.926, 56.819

76, 29.826, 54.582

93, 0.995, 238.301

72, 38.953, 53.955

97, 6.520, 225.232

68, 48.633, 53.406

98, 7.830, 198.995

64, 58.713, 52.899

61, 68.804, 52.321

58, 78.056, 51.388

55, 85.192, 49.686

55, 86.174, 49.462

Harmonies

Complementary

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



84, 13.339, 56.033



85, 12.138, 239.633

Rectangle

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



84, 13.339, 56.033



84, 13.339, 106.033



84, 13.339, 236.033



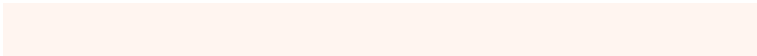
84, 13.339, 286.033

Sweetspot

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



84, 13.339, 56.045



97, 4.460, 56.991



81, 21.775, 337.002



52, 2.965, 56.949



0, 0.000, 0.000



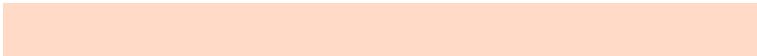
53, 0.007, 296.813

Same Dimension

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



84, 13.339, 56.045



90, 17.316, 55.768



89, 18.731, 100.249



47, 3.995, 56.749



43, 71.144, 50.048



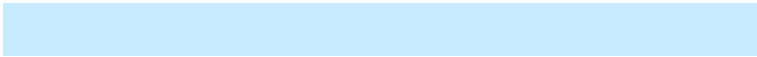
11, 23.001, 45.683

Inverse Universe

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



85, 12.138, 239.633



91, 15.439, 240.104



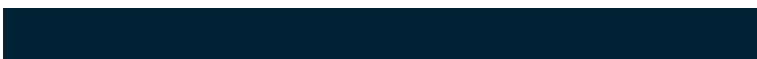
80, 19.209, 284.678



47, 3.820, 238.620



47, 41.191, 264.590



12, 16.151, 255.650

Previews

White Background



This preview shows how the CIELCh color 84, 13.339, 56.033 looks on a white background.

Color Contrast Check

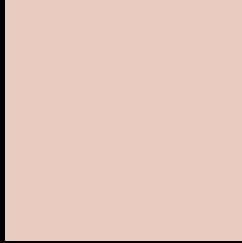
Large Text (above 18pt) WCAG AA × Fail

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, 13.339, 56.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

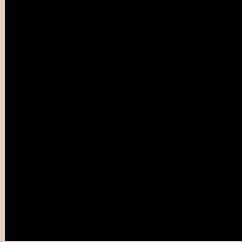
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 13.339, 56.033

Background



This preview shows how black text looks on a background with the CIELCh color 84, 13.339, 56.033.



This preview shows how white text looks on a background with the CIELCh color 84, 13.339, 56.033.

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, 13.339, 56.033

Protanopia

84, 9.534, 88.564

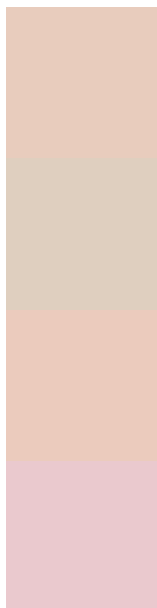
Deuteranopia

84, 15.129, 46.935



Tritanopia
84, 15.320, 347.337

Trichromacy



Original Color
84, 13.339, 56.033

Protanomaly
84, 10.361, 73.623

Deuteranomaly
84, 14.355, 50.795

Tritanomaly
84, 12.541, 8.301

Monochromacy



Original Color
84, 13.339, 56.033

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 4.824, 52.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 13.339, 56.033 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(232, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 189)  
}
```

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(232, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 13.339, 56.033 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(232, 204, 189) }
```

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

```
.border{ border-color:rgb(232, 204, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 189);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 13.339, 56.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 189) }
```

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

```
.background{ background-color: rgb(232,  
204, 189) }
```

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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