

Converting Colors

CIELCh(84, 14.494, 50.354)

Have a look what the booklet for
CIELCh(84, 14.494, 50.354) contains.

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Color

CIELCh(84, 14.355, 50.795)

Conversions

Conversions Part 1

Format	Color
Hex	EBCBBD
RGB	235, 203, 189
RGB Percent	92%, 80%, 74%
CMY	0.0783, 0.2038, 0.2587
CMYK	0.00, 0.14, 0.20, 0.08
HSL	18°, 54%, 83%
HSV	18°, 20%, 92%
XYZ	64.8197, 64.0658, 57.1077
YIQ	210.9720, 23.5660, 2.4300

Conversions

Conversions Part 2

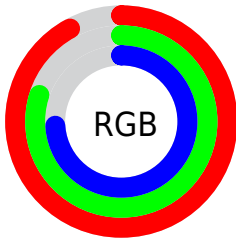
Format	Color
R _Y B	235, 209, 189
Decimal	15453117
CIE Lab	84.00, 9.07, 11.12
CIE LCh	84, 14.355, 50.795
Yxy	64.0658, 0.3485, 0.3445
Android (android.graphics.Color)	4293643197 (0xFFEBCBBD)
YUV	210.9720, -10.8322, 21.0726
Hunter-Lab	80.0411, 4.4827, 13.7266

Details

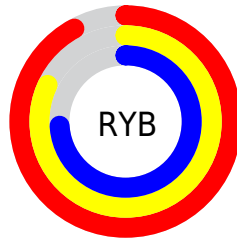
The CIELCh color $84, 14.355, 50.795$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86, 12.835, 233.880$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 5.059, 109.785$, and $64, 14.348, 50.342$ is the 20% darker color. If you saturate the color by 10%, you get $80, 22.546, 50.273$, and if you desaturate by 10%, it is $89, 6.758, 51.383$.

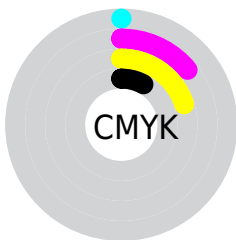
Distribution



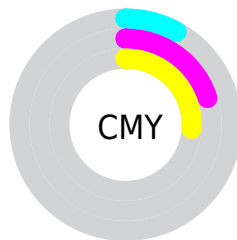
- Red (92%)
- Green (80%)
- Blue (74%)



- Red (92%)
- Yellow (82%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (8%)



- Cyan (8%)
- Magenta (20%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 14.355, 50.795 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, 14.355, 50.795 by changing the saturation by 10% instead.

 84, 14.355, 50.795

 84, 14.355, 50.795

 100, 14.355,
50.795

 74, 14.355, 50.795

 64, 14.355, 50.795

 54, 14.355, 50.795

 44, 14.355, 50.795

 34, 14.355, 50.795

 24, 14.355, 50.795

 14, 14.355, 50.795

 4, 14.355, 50.795

 0, 14.355, 50.795

84, 14.355, 50.795

84, 14.355, 50.795

80, 22.546, 50.273

89, 6.758, 51.383

75, 31.374, 49.828

93, 0.296, 234.061

71, 40.850, 49.495

98, 5.999, 213.602

67, 50.927, 49.279

99, 6.842, 199.069

63, 61.437, 49.149

60, 71.954, 48.980

57, 81.534, 48.447

54, 88.884, 47.174

54, 89.184, 47.132

Harmonies

Complementary

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



84, 14.355, 50.795



86, 12.835, 233.880

Rectangle

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



84, 14.355, 50.795



84, 14.355, 100.795



84, 14.355, 230.795



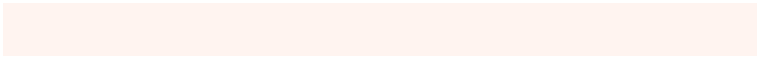
84, 14.355, 280.795

Sweetspot

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



84, 14.354, 50.806



97, 4.465, 51.566



81, 23.798, 335.654



51, 2.969, 51.536



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, 14.354, 50.806



89, 18.268, 50.610



90, 19.335, 98.130



47, 4.003, 51.389



42, 72.897, 47.691



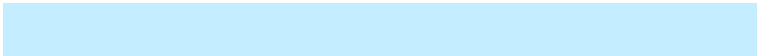
10, 23.505, 41.810

Inverse Universe

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



86, 12.835, 233.880



92, 15.969, 234.281



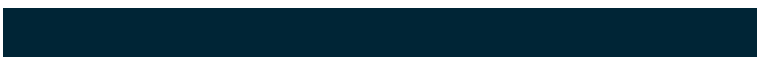
80, 19.759, 282.965



47, 3.806, 232.931



50, 38.108, 256.861



13, 15.319, 248.213

Previews

White Background



This preview shows how the CIELCh color 84, 14.355, 50.795 looks on a white background.

Color Contrast Check

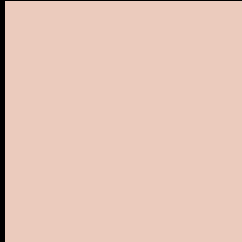
Large Text (above 18pt) WCAG AA × Fail

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, 14.355, 50.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

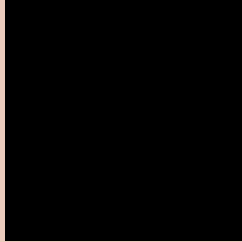
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 14.355, 50.795

Background



This preview shows how black text looks on a background with the CIELCh color 84, 14.355, 50.795.



This preview shows how white text looks on a background with the CIELCh color 84, 14.355, 50.795.

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, 14.355, 50.795

Protanopia

84, 9.534, 88.564

Deuteranopia

84, 15.129, 46.935



Tritanopia
84, 16.586, 350.309

Trichromacy



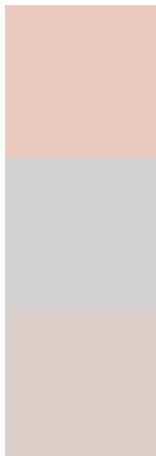
Original Color
84, 14.355, 50.795

Protanomaly
84, 10.592, 71.945

Deuteranomaly
84, 14.778, 47.601

Tritanomaly
84, 14.125, 7.646

Monochromacy



Original Color
84, 14.355, 50.795

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 5.142, 50.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 14.355, 50.795 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(235, 203, 189)` looks like.

```
.text, #text, p{  
    color:rgb(235, 203, 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(235, 203, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 203, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 14.355, 50.795 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(235, 203, 189) }
```

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

```
.border{ border-color:rgb(235, 203, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 203, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 203, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 203, 189); box-shadow:4px 4px 4px 4px rgb(235, 203, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 14.355, 50.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 203, 189) }
```

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

```
.background{ background-color: rgb(235,  
203, 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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