

Converting Colors

CIELCh(88, 19.600, 55.693)

Have a look what the booklet for
CIELCh(88, 19.600, 55.693) contains.

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Color

CIELCh(88, 19.336, 56.248)

Conversions

Conversions Part 1

Format	Color
Hex	FDD5BF
RGB	253, 213, 191
RGB Percent	99%, 84%, 75%
CMY	0.0088, 0.1656, 0.2518
CMYK	0.00, 0.16, 0.25, 0.01
HSL	21°, 93%, 87%
HSV	21°, 25%, 99%
XYZ	73.5394, 72.0653, 59.1967
YIQ	222.4520, 30.9020, 1.6380

Conversions

Conversions Part 2

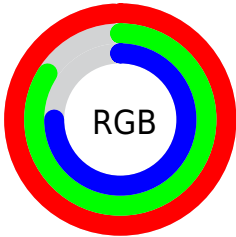
Format	Color
R _Y B	253, 225, 191
Decimal	16635327
CIE Lab	88.00, 10.74, 16.08
CIE LCh	88, 19.336, 56.248
Yxy	72.0653, 0.3591, 0.3519
Android (android.graphics.Color)	4294825407 (0xFFFDD5BF)
YUV	222.4520, -15.5058, 26.7906
Hunter-Lab	84.8913, 6.0709, 18.0796

Details

The CIELCh color **88, 19.336, 56.248** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 17.026, 241.257**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **68, 19.312, 54.770** is the 20% darker color. If you saturate the color by 10%, you get **84, 28.224, 55.496**, and if you desaturate by 10%, it is **93, 11.051, 57.061**.

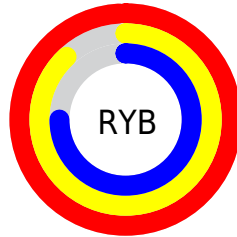
Distribution



Red (99%)

Green (84%)

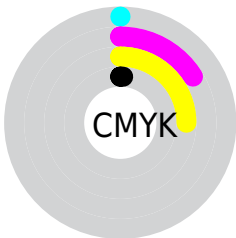
Blue (75%)



Red (99%)

Yellow (88%)

Blue (75%)

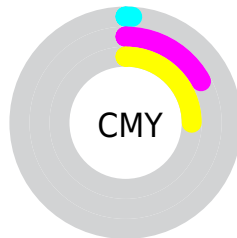


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 19.336, 56.248 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 88, 19.336, 56.248 by changing the saturation by 10% instead.

 88, 19.336, 56.248

 88, 19.336, 56.248

 100, 19.336,
56.248

 78, 19.336, 56.248

 68, 19.336, 56.248

 58, 19.336, 56.248

 48, 19.336, 56.248

 38, 19.336, 56.248

 28, 19.336, 56.248

 18, 19.336, 56.248

 8, 19.336, 56.248

 0, 19.336, 56.248

88, 19.336, 56.248

88, 19.336, 56.248

84, 28.224, 55.496

93, 11.051, 57.061

79, 37.743, 54.803

97, 3.322, 57.808

75, 47.876, 54.184

100, 0.777,
200.209

71, 58.511, 53.622

68, 69.344, 53.038

64, 79.674, 52.221

61, 88.145, 50.727

60, 91.770, 49.628

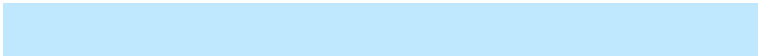
Harmonies

Complementary

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



88, 19.336, 56.248



89, 17.026, 241.257

Rectangle

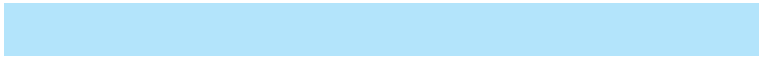
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 19.336, 56.248



88, 19.336, 106.248



88, 19.336, 236.248



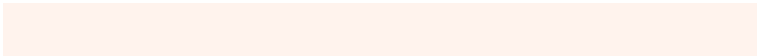
88, 19.336, 286.248

Sweetspot

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



88, 19.336, 56.257



97, 5.225, 57.652



84, 30.602, 338.245



51, 3.402, 57.608



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 19.336, 56.257



87, 23.406, 55.908



96, 27.028, 100.501



51, 4.281, 57.463



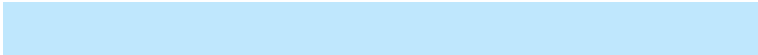
46, 73.962, 50.249



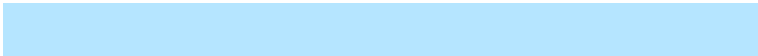
14, 27.893, 48.232

Inverse Universe

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



89, 17.026, 241.257



88, 20.070, 241.957



82, 28.055, 286.482



51, 4.095, 239.389



50, 43.503, 265.773



15, 18.533, 258.504

Previews

White Background



This preview shows how the CIELCh color 88, 19.336, 56.248 looks on a white background.

Color Contrast Check

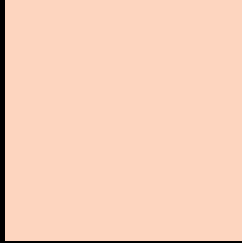
Large Text (above 18pt) WCAG AA × Fail

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 88, 19.336, 56.248 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 88, 19.336, 56.248

Background



This preview shows how black text looks on a background with the CIELCh color 88, 19.336, 56.248.



This preview shows how white text looks on a background with the CIELCh color 88, 19.336, 56.248.

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

88, 19.336, 56.248

Protanopia

88, 13.635, 91.330

Deuteranopia

88, 19.336, 56.248



Tritanopia
88, 18.508, 355.975

Trichromacy



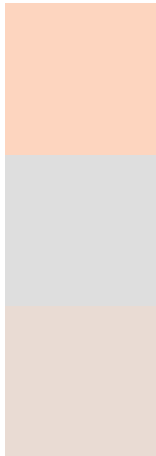
Original Color
88, 19.336, 56.248

Protanomaly
88, 15.071, 75.285

Deuteranomaly
88, 19.336, 56.248

Tritanomaly
88, 16.431, 17.005

Monochromacy



Original Color
88, 19.336, 56.248

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 6.612, 58.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 19.336, 56.248 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(253, 213, 191)` looks like.

```
.text, #text, p{  
    color:rgb(253, 213, 191)  
}
```

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(253, 213, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 213, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 19.336, 56.248 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(253, 213, 191) }
```

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

```
.border{ border-color:rgb(253, 213, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 213, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 213, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 213, 191);  
box-shadow:4px 4px 4px 4px rgb(253, 213,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 19.336, 56.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 213, 191) }
```

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

```
.background{ background-color: rgb(253,  
213, 191) }
```

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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