

Converting Colors

CIELCh(89, 16.553, 64.983)

Have a look what the booklet for
CIELCh(89, 16.553, 64.983) contains.

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Color

CIELCh(89, 16.619, 65.538)

Conversions

Conversions Part 1

Format	Color
Hex	F8DAC3
RGB	248, 218, 195
RGB Percent	97%, 85%, 76%
CMY	0.0268, 0.1444, 0.2347
CMYK	0.00, 0.12, 0.21, 0.03
HSL	26°, 80%, 87%
HSV	26°, 21%, 97%
XYZ	73.7554, 74.1641, 62.1536
YIQ	224.3480, 25.2630, -0.7930

Conversions

Conversions Part 2

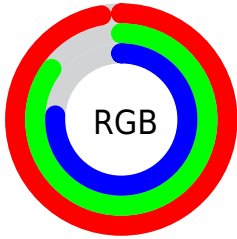
Format	Color
R _Y B	248, 236, 195
Decimal	16308931
CIE Lab	89.00, 6.88, 15.13
CIE LCh	89, 16.619, 65.538
Yxy	74.1641, 0.3511, 0.3530
Android (android.graphics.Color)	4294499011 (0xFFF8DAC3)
YUV	224.3480, -14.4686, 20.7428
Hunter-Lab	86.1186, 2.1671, 17.4922

Details

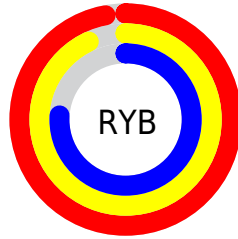
The CIELCh color **89, 16.619, 65.538** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 15.319, 250.885**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **69, 16.713, 65.724** is the 20% darker color. If you saturate the color by 10%, you get **85, 25.139, 64.455**, and if you desaturate by 10%, it is **93, 8.583, 66.635**.

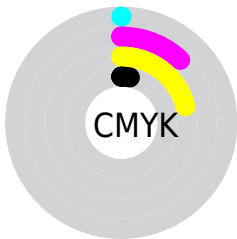
Distribution



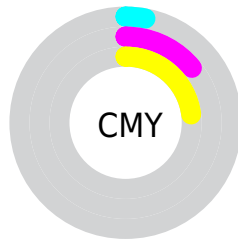
- Red (97%)
- Green (85%)
- Blue (76%)



- Red (97%)
- Yellow (93%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.619, 65.538 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 89, 16.619, 65.538 by changing the saturation by 10% instead.

 89, 16.619, 65.538

 89, 16.619, 65.538

 100, 16.619,
65.538

 79, 16.619, 65.538

 69, 16.619, 65.538

 59, 16.619, 65.538

 49, 16.619, 65.538

 39, 16.619, 65.538

 29, 16.619, 65.538

 19, 16.619, 65.538

 9, 16.619, 65.538

 0, 16.619, 65.538

89, 16.619, 65.538

89, 16.619, 65.538

85, 25.139, 64.455

93, 8.583, 66.635

81, 34.165, 63.376

97, 0.993, 67.311

78, 43.680, 62.318

100, 2.366,
199.535

74, 53.591, 61.261

71, 63.645, 60.147

67, 73.280, 58.819

65, 81.427, 56.958

62, 86.582, 54.751

Harmonies

Complementary

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



89, 16.619, 65.538



88, 15.319, 250.885

Rectangle

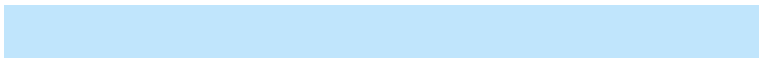
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 16.619, 65.538



89, 16.619, 115.538



89, 16.619, 245.538



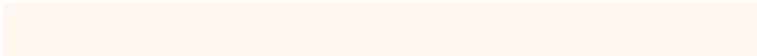
89, 16.619, 295.538

Sweetspot

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



89, 16.619, 65.548



97, 4.562, 67.180



84, 24.794, 341.988



52, 3.032, 67.118



0, 0.000, 0.000



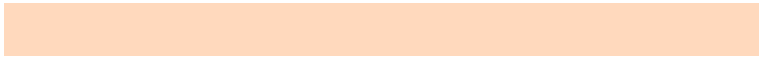
53, 0.007, 296.813

Same Dimension

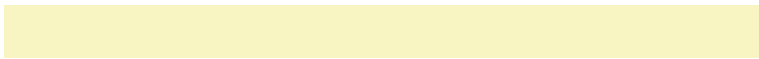
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 16.619, 65.548



89, 20.969, 65.036



96, 25.189, 105.155



50, 4.296, 66.832



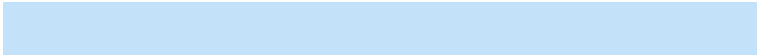
48, 70.129, 55.431



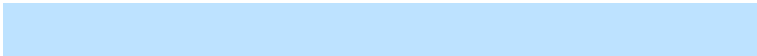
14, 26.027, 55.090

Inverse Universe

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



88, 15.319, 250.885



88, 18.943, 251.684



81, 26.296, 289.942



50, 4.158, 249.174



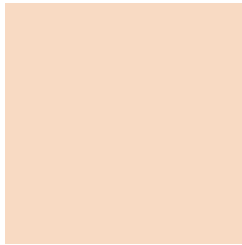
44, 50.424, 276.871



13, 20.422, 269.478

Previews

White Background



This preview shows how the CIELCh color 89, 16.619, 65.538 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 89, 16.619, 65.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

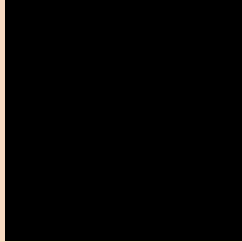
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 16.619, 65.538

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.619, 65.538.

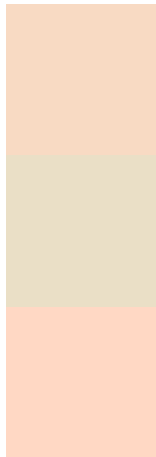


This preview shows how white text looks on a background with the CIELCh color 89, 16.619, 65.538.

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

89, 16.619, 65.538

Protanopia

89, 13.599, 91.354

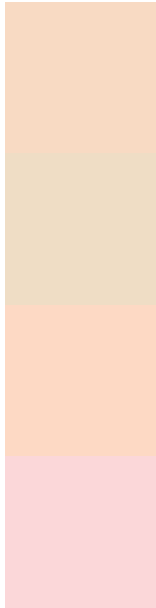
Deuteranopia

89, 18.296, 54.540



Tritanopia
89, 16.641, 348.657

Trichromacy



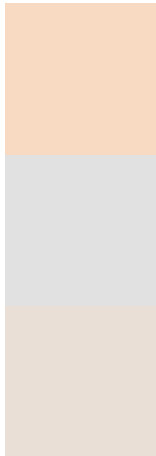
Original Color
89, 16.619, 65.538

Protanomaly
89, 14.206, 80.451

Deuteranomaly
89, 17.656, 57.964

Tritanomaly
89, 13.332, 15.906

Monochromacy



Original Color
89, 16.619, 65.538

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.915, 71.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.619, 65.538 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(248, 218, 195)` looks like.

```
.text, #text, p{  
    color:rgb(248, 218, 195)  
}
```

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(248, 218, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 218, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.619, 65.538 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(248, 218, 195) }
```

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

```
.border{ border-color:rgb(248, 218, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 218, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 218, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 218, 195); box-shadow:4px 4px 4px 4px rgb(248, 218, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.619, 65.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 218, 195) }
```

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

```
.background{ background-color: rgb(248,  
218, 195) }
```

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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