

Converting Colors

CIELCh(100, 58.641, 33.566)

Have a look what the booklet for
CIELCh(100, 58.641, 33.566)
contains.

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Color

CIELCh(89, 18.622, 55.771)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8C3
RGB	255, 216, 195
RGB Percent	100%, 85%, 76%
CMY	0.0008, 0.1537, 0.2360
CMYK	0.00, 0.15, 0.24, 0.00
HSL	21°, 99%, 88%
HSV	21°, 24%, 100%
XYZ	75.4994, 74.1641, 61.8513
YIQ	225.2670, 29.9850, 1.7370

Conversions

Conversions Part 2

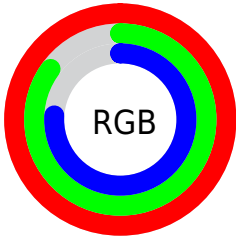
Format	Color
R _Y B	255, 227, 195
Decimal	16767171
CIE Lab	89.00, 10.47, 15.40
CIE LCh	89, 18.622, 55.771
Yxy	74.1641, 0.3569, 0.3506
Android (android.graphics.Color)	4294957251 (0xFFFFD8C3)
YUV	225.2670, -14.9216, 26.0758
Hunter-Lab	86.1186, 5.7817, 17.7003

Details

The CIELCh color **89, 18.622, 55.771** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 16.461, 240.473**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **69, 18.881, 55.503** is the 20% darker color. If you saturate the color by 10%, you get **85, 27.517, 55.038**, and if you desaturate by 10%, it is **94, 10.335, 56.566**.

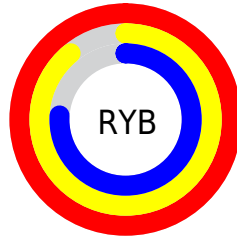
Distribution



Red (100%)

Green (85%)

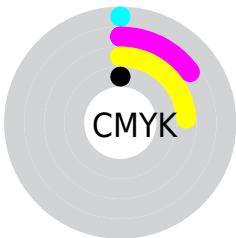
Blue (76%)



Red (100%)

Yellow (89%)

Blue (76%)

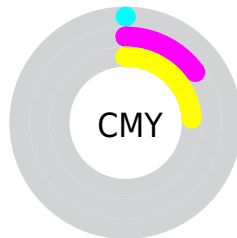


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 18.622, 55.771 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, 18.622, 55.771 by changing the saturation by 10% instead.

 89, 18.622, 55.771

 89, 18.622, 55.771

 100, 18.622,
55.771

 79, 18.622, 55.771

 69, 18.622, 55.771

 59, 18.622, 55.771

 49, 18.622, 55.771

 39, 18.622, 55.771

 29, 18.622, 55.771

 19, 18.622, 55.771

 9, 18.622, 55.771

 0, 18.622, 55.771

89, 18.622, 55.771

89, 18.622, 55.771

85, 27.517, 55.038

94, 10.335, 56.566

80, 37.053, 54.363

98, 2.608, 57.252

76, 47.218, 53.768

100, 0.070,
208.880

72, 57.914, 53.238

68, 68.860, 52.703

65, 79.401, 51.968

62, 88.232, 50.610

60, 92.595, 49.341

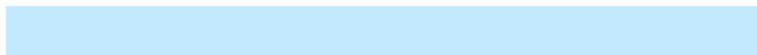
Harmonies

Complementary

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



89, 18.622, 55.771



91, 16.461, 240.473

Rectangle

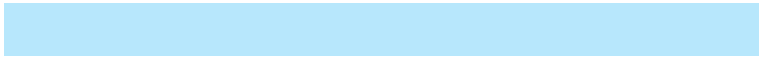
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 18.622, 55.771



89, 18.622, 105.771



89, 18.622, 235.771



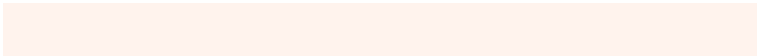
89, 18.622, 285.771

Sweetspot

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



89, 18.622, 55.781



97, 5.223, 57.064



85, 29.564, 338.163



51, 3.401, 57.022



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, 18.622, 55.781



87, 22.523, 55.442



96, 26.118, 100.612



51, 4.280, 56.881



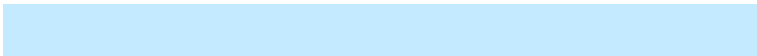
46, 74.161, 49.971



14, 27.946, 47.823

Inverse Universe

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



91, 16.461, 240.473



89, 19.388, 241.144



83, 27.065, 286.329



51, 4.091, 238.774



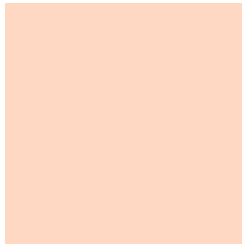
50, 43.106, 264.995



15, 18.402, 257.730

Previews

White Background



This preview shows how the CIELCh color 89, 18.622, 55.771 looks on a white background.

Color Contrast Check

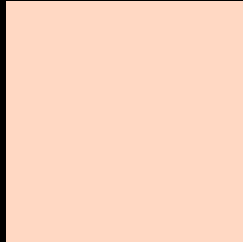
Large Text (above 18pt) WCAG AA × Fail

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, 18.622, 55.771 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, 18.622, 55.771

Background



This preview shows how black text looks on a background with the CIELCh color 89, 18.622, 55.771.

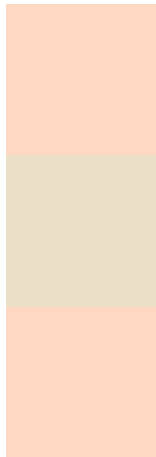


This preview shows how white text looks on a background with the CIELCh color 89, 18.622, 55.771.

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, 18.622, 55.771

Protanopia
89, 13.104, 90.734

Deuteranopia
89, 18.296, 54.540



Tritanopia
89, 16.913, 355.303

Trichromacy



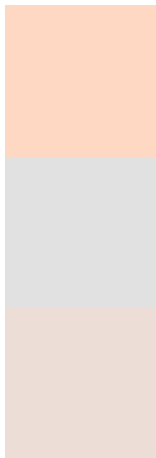
Original Color
89, 18.622, 55.771

Protanomaly
89, 14.591, 74.262

Deuteranomaly
89, 18.296, 54.540

Tritanomaly
89, 15.233, 18.555

Monochromacy



Original Color
89, 18.622, 55.771

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 6.593, 58.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 18.622, 55.771 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(255, 216, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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(255, 216, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 18.622, 55.771 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(255, 216, 195) }
```

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

```
.border{ border-color:rgb(255, 216, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 18.622, 55.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 195) }
```

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

```
.background{ background-color: rgb(255,  
216, 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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