

Converting Colors

CIE LCh(89, 15.130, 26.518)

Have a look what the booklet for
CIELCh(89, 15.130, 26.518) contains.

CIELCh(89, 15.420, 26.232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(89, 15.420, 26.232)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6D3
RGB	255, 214, 211
RGB Percent	100%, 84%, 83%
CMY	0.0000, 0.1602, 0.1720
CMYK	0.00, 0.16, 0.17, 0.00
HSL	4°, 100%, 91%
HSV	4°, 17%, 100%
XYZ	77.1533, 74.1641, 71.9705
YIQ	225.9170, 25.3990, 7.7590

Conversions

Conversions Part 2

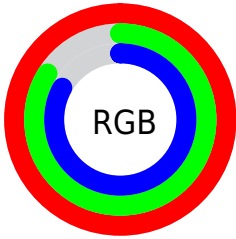
Format	Color
R _Y B	255, 214, 211
Decimal	16766675
CIE Lab	89.00, 13.83, 6.82
CIE LCh	89, 15.420, 26.232
Yxy	74.1641, 0.3455, 0.3321
Android (android.graphics.Color)	4294956755 (0xFFFFD6D3)
YUV	225.9170, -7.3541, 25.5058
Hunter-Lab	86.1186, 9.2099, 10.7335

Details

The CIELCh color **89, 15.420, 26.232** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 13.677, 205.096**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 15.537, 24.786** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.313, 26.976**, and if you desaturate by 10%, it is **95, 6.169, 25.689**.

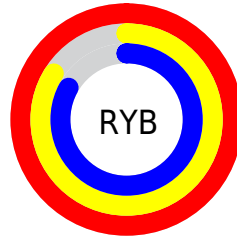
Distribution



Red (100%)

Green (84%)

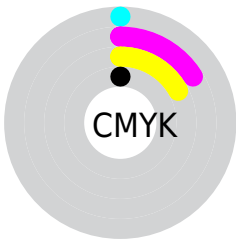
Blue (83%)



Red (100%)

Yellow (84%)

Blue (83%)

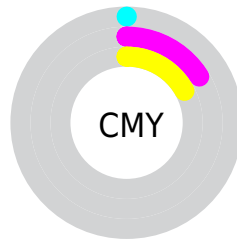


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 15.420, 26.232 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, 15.420, 26.232 by changing the saturation by 10% instead.

 89, 15.420, 26.232

 89, 15.420, 26.232

 100, 15.420,
26.232

 79, 15.420, 26.232

 69, 15.420, 26.232

 59, 15.420, 26.232

 49, 15.420, 26.232

 39, 15.420, 26.232

 29, 15.420, 26.232

 19, 15.420, 26.232

 9, 15.420, 26.232

 0, 15.420, 26.232

89, 15.420, 26.232

89, 15.420, 26.232

83, 25.313, 26.976

95, 6.169, 25.689

77, 36.028, 27.943

100, 0.012,
296.813

71, 47.442, 29.239

66, 59.402, 30.946

62, 71.625, 33.119

58, 83.631, 35.701

56, 94.465, 38.333

54, 102.111,
40.096

54, 103.686,
40.527

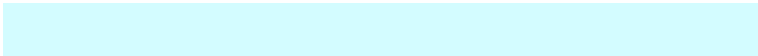
Harmonies

Complementary

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



89, 15.420, 26.232



96, 13.677, 205.096

Rectangle

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



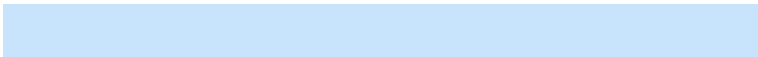
89, 15.420, 26.232



89, 15.420, 76.232



89, 15.420, 206.232



89, 15.420, 256.232

Sweetspot

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



89, 15.361, 26.259



97, 4.247, 25.550



89, 26.271, 327.258



51, 2.906, 25.597



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

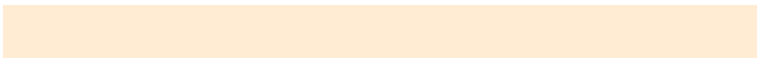
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 15.361, 26.259



87, 19.054, 26.507



94, 14.590, 80.033



50, 4.919, 25.818



40, 83.277, 40.706



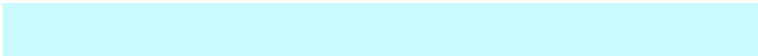
10, 32.031, 30.528

Inverse Universe

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



96, 13.677, 205.096



96, 16.494, 205.014



91, 14.206, 264.783



52, 4.623, 205.320



66, 36.986, 208.103



22, 17.168, 206.571

Previews

White Background



This preview shows how the CIELCh color 89, 15.420, 26.232 looks on a white background.

Color Contrast Check

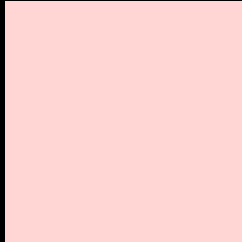
Large Text (above 18pt) WCAG AA × Fail

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, 15.420, 26.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

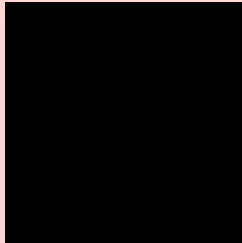
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 15.420, 26.232

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.420, 26.232.

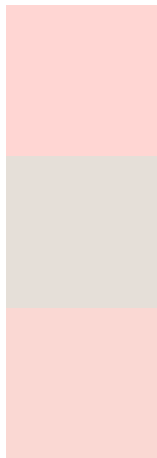


This preview shows how white text looks on a background with the CIELCh color 89, 15.420, 26.232.

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, 15.420, 26.232

Protanopia

89, 4.219, 78.670

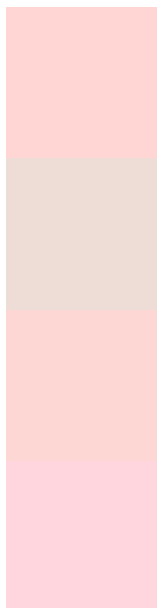
Deuteranopia

89, 12.952, 31.747



Tritanopia
89, 17.680, 352.784

Trichromacy



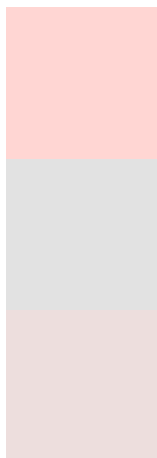
Original Color
89, 15.420, 26.232

Protanomaly
89, 7.310, 44.908

Deuteranomaly
89, 13.978, 28.840

Tritanomaly
89, 16.090, 3.792

Monochromacy



Original Color
89, 15.420, 26.232

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.472, 25.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.420, 26.232 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, 214, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 211)  
}
```

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, 214, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.420, 26.232 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, 214, 211) }
```

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

```
.border{ border-color:rgb(255, 214, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.420, 26.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 211) }
```

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

```
.background{ background-color: rgb(255,  
214, 211) }
```

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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