

Converting Colors

CIELCh(89, 92.502, 115.133)

Have a look what the booklet for
CIELCh(89, 92.502, 115.133)
contains.

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Color

CIELCh(89, 92.653, 115.113)

Conversions

Conversions Part 1

Format	Color
Hex	C2F11A
RGB	194, 241, 26
RGB Percent	76%, 95%, 10%
CMY	0.2408, 0.0564, 0.8972
CMYK	0.20, 0.00, 0.89, 0.06
HSL	73°, 88%, 52%
HSV	73°, 89%, 94%
XYZ	53.6674, 74.1641, 12.4756
YIQ	202.4370, 41.0030, -76.8290

Conversions

Conversions Part 2

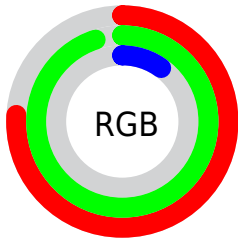
Format	Color
R _Y B	26, 241, 73
Decimal	12775706
CIE Lab	89.00, -39.32, 83.89
CIE LCh	89, 92.653, 115.113
Yxy	74.1641, 0.3825, 0.5286
Android (android.graphics.Color)	4290965786 (0xFFC2F11A)
YUV	202.4370, -86.9834, -7.3992
Hunter-Lab	86.1186, -39.4699, 51.6940

Details

The CIELCh color **89, 92.653, 115.113** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **35, 119.502, 307.220**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 74.447, 104.491**, and **69, 79.611, 118.411** is the 20% darker color. If you saturate the color by 10%, you get **89, 95.505, 115.876**, and if you desaturate by 10%, it is **89, 87.378, 114.757**.

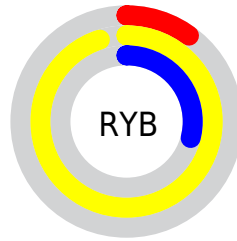
Distribution



Red (76%)

Green (95%)

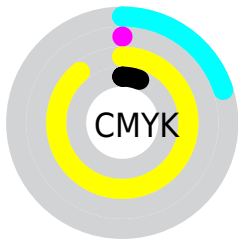
Blue (10%)



Red (10%)

Yellow (95%)

Blue (29%)

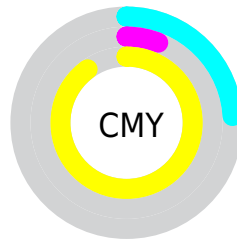


Cyan (20%)

Magenta (0%)

Yellow (89%)

Black (6%)



Cyan (24%)


Magenta (6%)


Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 92.653, 115.113 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, 92.653, 115.113 by changing the saturation by 10% instead.


 89, 92.653,
115.113


 89, 92.653,
115.113


 100, 92.653,
115.113


 79, 92.653,
115.113

 69, 92.653,
115.113

 59, 92.653,
115.113

 49, 92.653,
115.113

 39, 92.653,
115.113

 29, 92.653,
115.113


 19, 92.653,


115.113

 9, 92.653, 115.113


 0, 92.653, 115.113


 89, 92.653,
115.113


 89, 92.653,
115.113


 89, 95.505,
115.876

 89, 87.378,
114.757

 89, 95.714,
115.951

 90, 79.747,
114.774

 90, 70.299,
115.071

 91, 59.600,
115.552

 92, 48.095,

116.144

■ 92, 36.095,
116.795

■ 93, 23.806,
117.468

■ 94, 11.367,
118.141

■ 95, 1.132, 298.775

Harmonies

Complementary

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



89, 92.653, 115.113



35, 119.502, 307.220

Rectangle

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



89, 92.653, 115.113



89, 92.653, 165.113



89, 92.653, 295.113



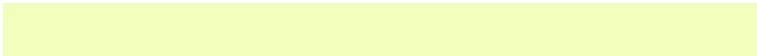
89, 92.653, 345.113

Sweetspot

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



89, 92.653, 115.115



97, 35.143, 116.930



56, 86.420, 43.848



52, 23.630, 116.701



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, 92.653, 115.115



93, 100.036, 115.988



84, 106.750, 132.922



50, 7.073, 118.116



69, 78.074, 115.750



21, 32.620, 115.043

Inverse Universe

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



35, 119.502, 307.220



34, 131.739, 307.291



48, 110.511, 318.398



46, 7.219, 299.392



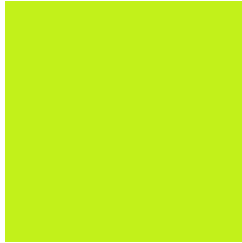
23, 102.720, 307.433



3, 38.461, 303.859

Previews

White Background



This preview shows how the CIELCh color 89, 92.653, 115.113 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 89, 92.653, 115.113 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, 92.653, 115.113

Background



This preview shows how black text looks on a background with the CIELCh color 89, 92.653, 115.113.



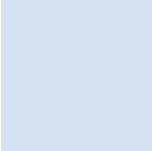
This preview shows how white text looks on a background with the CIELCh color 89, 92.653, 115.113.

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](#).

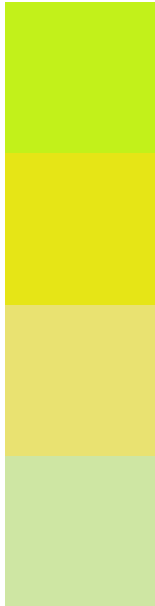
Dichromacy





Tritanopia
89, 9.550, 267.689

Trichromacy



Original Color
89, 92.799, 115.084

Protanomaly
88, 87.269, 102.730

Deuteranomaly
88, 56.741, 102.491

Tritanomaly
88, 35.653, 122.409

Monochromacy



Original Color
89, 92.799, 115.084

Achromatopsia
81, 0.010, 296.813

Achromatomaly
83, 40.811, 116.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 92.653, 115.113 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(194, 241, 26)` looks like.

```
.text, #text, p{  
    color:rgb(194, 241, 26)  
}
```

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(194, 241, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 241, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 92.653, 115.113 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(194, 241, 26) }
```

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

```
.border{ border-color:rgb(194, 241, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 241, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 241, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 241, 26);  
box-shadow:4px 4px 4px 4px rgb(194, 241,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 92.653, 115.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 241, 26) }
```

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

```
.background{ background-color: rgb(194,  
241, 26) }
```

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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