

Converting Colors

CIELCh(95, 90.689, 110.043)

Have a look what the booklet for
CIELCh(95, 90.689, 110.043)
contains.

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Color

CIELCh(95, 90.627, 110.144)

Conversions

Conversions Part 1

Format	Color
Hex	E4FE32
RGB	228, 254, 50
RGB Percent	89%, 100%, 20%
CMY	0.1058, 0.0038, 0.8038
CMYK	0.10, 0.00, 0.80, 0.00
HSL	68°, 99%, 60%
HSV	68°, 80%, 100%
XYZ	68.0213, 87.6183, 16.3463
YIQ	222.9700, 49.9880, -68.9560

Conversions

Conversions Part 2

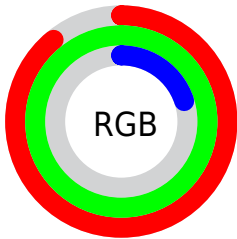
Format	Color
R_{YB}	50, 254, 76
Decimal	15007282
CIE _{Lab}	95.00, -31.21, 85.08
CIE _{LCh}	95, 90.627, 110.144
Yxy	87.6183, 0.3955, 0.5095
Android (android.graphics.Color)	4293197362 (0xFFE4FE32)
YUV	222.9700, -85.2742, 4.4113
Hunter-Lab	93.6047, -34.0946, 55.1694

Details

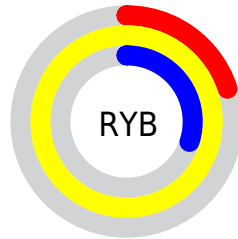
The CIELCh color **95, 90.627, 110.144** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **40, 116.772, 305.411**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 67.886, 104.985**, and **75, 80.991, 111.770** is the 20% darker color. If you saturate the color by 10%, you get **95, 95.455, 110.289**, and if you desaturate by 10%, it is **95, 83.226, 110.322**.

Distribution



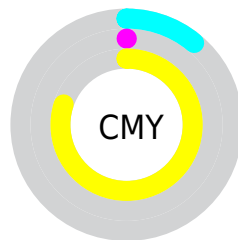
- Red (89%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (30%)



- Cyan (10%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 90.627, 110.144 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 95, 90.627, 110.144 by changing the saturation by 10% instead.


 95, 90.627,
110.144

 95, 90.627,
110.144

 100, 90.627,
110.144

 85, 90.627,
110.144

 75, 90.627,
110.144

 65, 90.627,
110.144

 55, 90.627,
110.144

 45, 90.627,
110.144

 35, 90.627,
110.144

 25, 90.627,

110.144

■ 15, 90.627,
110.144

■ 5, 90.627, 110.144

■ 95, 90.627,
110.144

■ 95, 90.627,
110.144

■ 95, 95.455,
110.289

■ 95, 83.226,
110.322

■ 94, 97.759,
110.732

■ 96, 73.798,
110.745

■ 96, 62.953,
111.339

■ 97, 51.188,
112.040

■ 97, 38.854,
112.802

■ 98, 26.183,
113.589

■ 99, 13.327,
114.379

■ 100, 0.385,
115.109

■ 100, 0.618,
323.963

Harmonies

Complementary

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



95, 90.627, 110.144



40, 116.772, 305.411

Rectangle

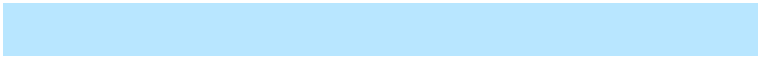
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 90.627, 110.144



95, 90.627, 160.144



95, 90.627, 290.144



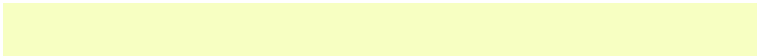
95, 90.627, 340.144

Sweetspot

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



95, 90.627, 110.146



98, 30.989, 113.297



58, 85.046, 38.432



52, 21.244, 113.016



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 90.627, 110.146



95, 97.269, 110.529



90, 102.589, 130.168



53, 7.376, 114.442



73, 78.941, 110.604



25, 35.782, 109.956

Inverse Universe

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



40, 116.772, 305.411



34, 131.098, 306.559



50, 110.470, 315.713



49, 7.539, 295.968



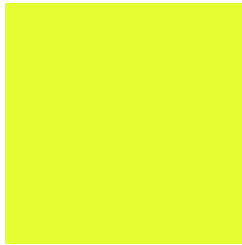
24, 106.994, 306.742



4, 44.416, 304.221

Previews

White Background



This preview shows how the CIELCh color 95, 90.627, 110.144 looks on a white background.

Color Contrast Check

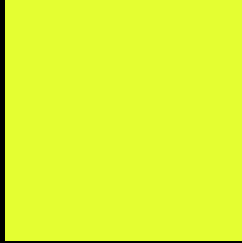
Large Text (above 18pt) WCAG AA × Fail

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 95, 90.627, 110.144 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 95, 90.627, 110.144

Background



This preview shows how black text looks on a background with the CIELCh color 95, 90.627, 110.144.

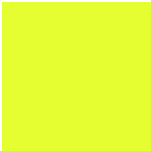

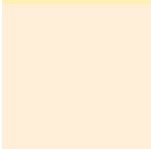


This preview shows how white text looks on a background with the CIELCh color 95, 90.627, 110.144.

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](#).

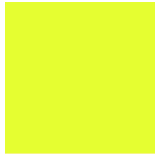
Dichromacy

	Original Color 95, 90.627, 110.144
	Protanopia 95, 30.616, 96.808
	Deuteranopia 95, 12.904, 80.032

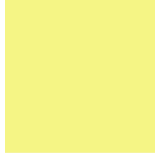


Tritanopia
95, 9.813, 309.369

Trichromacy



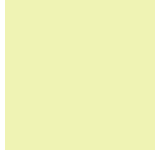
Original Color
95, 90.627, 110.144



Protanomaly
94, 55.669, 105.785

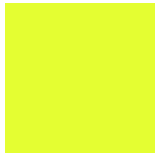


Deuteranomaly
95, 44.297, 106.164

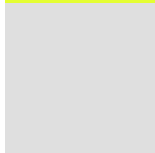


Tritanomaly
94, 32.033, 110.406

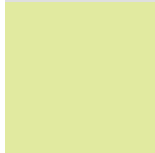
Monochromacy



Original Color
95, 90.627, 110.144



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 37.881, 112.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 90.627, 110.144 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(228, 254, 50)` looks like.

```
.text, #text, p{  
    color:rgb(228, 254, 50)  
}
```

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(228, 254, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 254, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 90.627, 110.144 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(228, 254, 50) }
```

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

```
.border{ border-color:rgb(228, 254, 50) }
```

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

Here you see how a box with a 4 pixel rgb(228, 254, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 254, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 254, 50);  
box-shadow:4px 4px 4px 4px rgb(228, 254,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 90.627, 110.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 254, 50) }
```

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

```
.background{ background-color: rgb(228,  
254, 50) }
```

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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