

Converting Colors

CIELCh(89, 54.332, 102.265)

Have a look what the booklet for
CIELCh(89, 54.332, 102.265)
contains.

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Color

CIELCh(89, 53.975, 102.167)

Conversions

Conversions Part 1

Format	Color
Hex	EBE378
RGB	235, 227, 120
RGB Percent	92%, 89%, 47%
CMY	0.0773, 0.1087, 0.5284
CMYK	0.00, 0.03, 0.49, 0.08
HSL	56°, 74%, 70%
HSV	56°, 49%, 92%
XYZ	65.3079, 74.1641, 28.7253
YIQ	217.1940, 39.1150, -31.5810

Conversions

Conversions Part 2

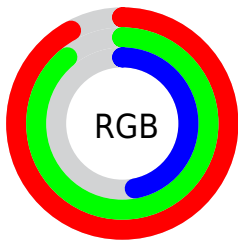
Format	Color
RYB	129, 235, 120
Decimal	15459192
CIELab	89.00, -11.38, 52.76
CIELCh	89, 53.975, 102.167
Yxy	74.1641, 0.3883, 0.4409
Android (android.graphics.Color)	4293649272 (0xFFEBE378)
YUV	217.1940, -47.9166, 15.6159
Hunter-Lab	86.1186, -15.3425, 40.5065

Details

The CIELCh color **89, 53.975, 102.167** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **58, 60.732, 294.698**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 40.585, 107.080**, and **69, 54.251, 102.272** is the 20% darker color. If you saturate the color by 10%, you get **88, 63.858, 101.194**, and if you desaturate by 10%, it is **90, 43.408, 103.191**.

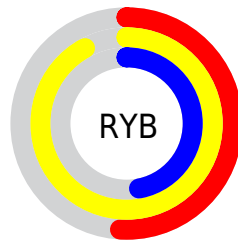
Distribution



Red (92%)

Green (89%)

Blue (47%)



Red (51%)

Yellow (92%)

Blue (47%)

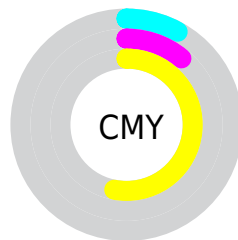


Cyan (0%)

Magenta (3%)

Yellow (49%)

Black (8%)



Cyan (8%)


Magenta (11%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 53.975, 102.167 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, 53.975, 102.167 by changing the saturation by 10% instead.


 89, 53.975,
102.167

 89, 53.975,
102.167


 100, 53.975,
102.167


 79, 53.975,
102.167

 69, 53.975,
102.167

 59, 53.975,
102.167

 49, 53.975,
102.167

 39, 53.975,
102.167

 29, 53.975,
102.167

 19, 53.975,

102.167

■ 9, 53.975, 102.167

■ 0, 53.975, 102.167

■ 89, 53.975,
102.167

■ 89, 53.975,
102.167

■ 88, 63.858,
101.194

■ 90, 43.408,
103.191

■ 88, 72.614,
100.290

■ 91, 32.448,
104.234

■ 87, 79.648, 99.482

■ 91, 21.281,
105.282

■ 87, 84.336, 98.790

■ 92, 10.019,
106.315

■ 86, 86.487, 98.203

■ 93, 1.267, 287.427

■ 86, 86.662, 98.141

■ 94, 9.227, 287.034

■ 95, 8.427, 282.764

■ 95, 7.682, 277.648

■ 95, 7.012, 271.512

Harmonies

Complementary

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



89, 53.975, 102.167



58, 60.732, 294.698

Rectangle

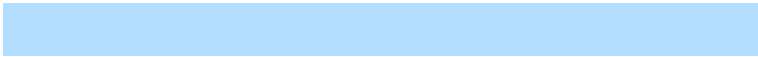
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 53.975, 102.167



89, 53.975, 152.167



89, 53.975, 282.167



89, 53.975, 332.167

Sweetspot

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



89, 53.976, 102.170



98, 18.049, 105.679



64, 47.747, 18.876



52, 12.311, 105.459



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, 53.976, 102.170



95, 68.236, 101.159



88, 60.658, 123.710



49, 6.389, 106.257



68, 71.276, 98.224



20, 28.814, 99.542

Inverse Universe

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



58, 60.732, 294.698



55, 79.848, 297.061



60, 66.261, 309.013



45, 6.513, 288.271



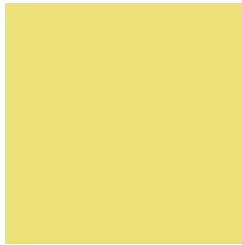
22, 100.280, 305.420



3, 34.006, 296.448

Previews

White Background



This preview shows how the CIELCh color 89, 53.975, 102.167 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, 53.975, 102.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

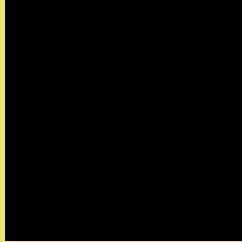
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 53.975, 102.167

Background



This preview shows how black text looks on a background with the CIELCh color 89, 53.975, 102.167.

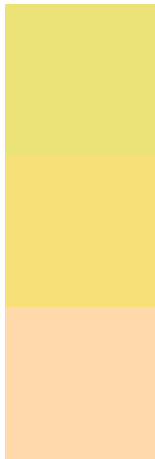


This preview shows how white text looks on a background with the CIELCh color 89, 53.975, 102.167.

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, 53.975, 102.167

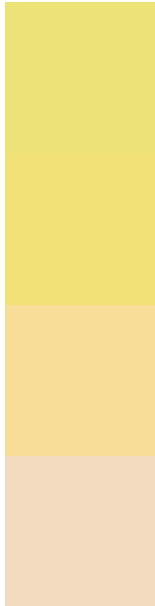
Protanopia
89, 53.898, 95.921

Deuteranopia
89, 28.424, 76.078



Tritanopia
89, 14.529, 343.051

Trichromacy



Original Color
89, 53.975, 102.167

Protanomaly
89, 53.977, 98.165

Deuteranomaly
89, 36.796, 89.960

Tritanomaly
89, 17.248, 76.708

Monochromacy



Original Color
89, 53.975, 102.167

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 20.264, 105.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 53.975, 102.167 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(235, 227, 120)` looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 120)  
}
```

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(235, 227, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 53.975, 102.167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

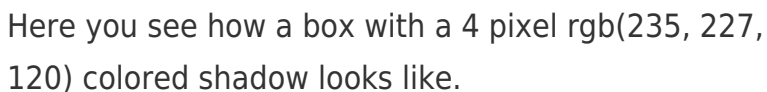
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 227, 120) }
```

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

```
.border{ border-color:rgb(235, 227, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 227, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 227, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 227, 120); box-shadow:4px 4px 4px 4px rgb(235, 227, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 53.975, 102.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 120) }
```

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

```
.background{ background-color: rgb(235,  
227, 120) }
```

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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