

Converting Colors

CIELCh(79, 56.339, 102.446)

Have a look what the booklet for
CIELCh(79, 56.339, 102.446)
contains.

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Color

CIELCh(79, 56.442, 102.390)

Conversions

Conversions Part 1

Format	Color
Hex	CEC859
RGB	206, 200, 89
RGB Percent	81%, 78%, 35%
CMY	0.1936, 0.2171, 0.6523
CMYK	0.00, 0.03, 0.57, 0.19
HSL	57°, 54%, 58%
HSV	57°, 57%, 81%
XYZ	47.7113, 54.9284, 17.4641
YIQ	189.1400, 39.2070, -33.2490

Conversions

Conversions Part 2

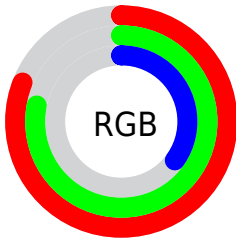
Format	Color
RYB	95, 206, 89
Decimal	13551705
CIELab	79.00, -12.11, 55.13
CIELCh	79, 56.442, 102.390
Yxy	54.9284, 0.3973, 0.4573
Android (android.graphics.Color)	4291741785 (0xFFCEC859)
YUV	189.1400, -49.3690, 14.7862
Hunter-Lab	74.1137, -14.7881, 37.9085

Details

The CIELCh color **79, 56.442, 102.390** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **45, 65.685, 297.099**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 55.849, 105.903**, and **59, 56.268, 102.279** is the 20% darker color. If you saturate the color by 10%, you get **79, 64.654, 101.523**, and if you desaturate by 10%, it is **80, 47.307, 103.336**.

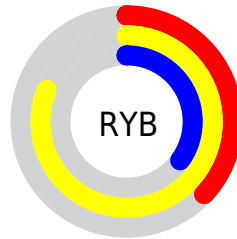
Distribution



Red (81%)

Green (78%)

Blue (35%)



Red (37%)

Yellow (81%)

Blue (35%)

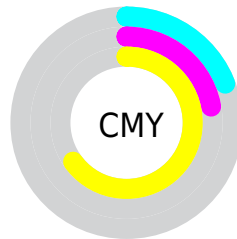


Cyan (0%)

Magenta (3%)

Yellow (57%)

Black (19%)



Cyan (19%)


Magenta (22%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 56.442, 102.390 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 79, 56.442, 102.390 by changing the saturation by 10% instead.


 79, 56.442,
102.390


 79, 56.442,
102.390


 100, 56.442,
102.390


 69, 56.442,
102.390


 99, 56.442,
102.390

 59, 56.442,
102.390

 49, 56.442,
102.390

 39, 56.442,
102.390

 29, 56.442,
102.390

 19, 56.442,
102.390

 9, 56.442, 102.390

0, 56.442, 102.390

79, 56.442,
102.390

79, 56.442,
102.390

79, 64.654,
101.523

80, 47.307,
103.336

78, 71.448,
100.759

80, 37.606,
104.326

78, 76.276,
100.125

81, 27.577,
105.340

77, 78.810, 99.627

81, 17.372,
106.358

77, 79.363, 99.486

82, 7.085, 107.361

83, 3.225, 288.390

84, 13.520,

289.330

■ 85, 23.776,
290.253

■ 85, 24.173,
289.500

Harmonies

Complementary

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



79, 56.442, 102.390



45, 65.685, 297.099

Rectangle

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



79, 56.442, 102.390



79, 56.442, 152.390



79, 56.442, 282.390



79, 56.442, 332.390

Sweetspot

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



79, 56.443, 102.393



98, 20.831, 106.324



53, 50.695, 21.924



52, 13.927, 106.117



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 56.443, 102.393



95, 77.766, 101.364



77, 62.741, 124.078



43, 5.804, 107.112



64, 67.648, 99.539



14, 20.711, 102.591

Inverse Universe

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



45, 65.685, 297.099



47, 95.340, 299.924



48, 69.400, 309.985



39, 5.919, 289.064



20, 94.503, 305.588



2, 22.690, 291.193

Previews

White Background



This preview shows how the CIELCh color 79, 56.442, 102.390 looks on a white background.

Color Contrast Check

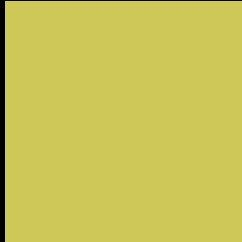
Large Text (above 18pt) WCAG AA × Fail

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 79, 56.442, 102.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

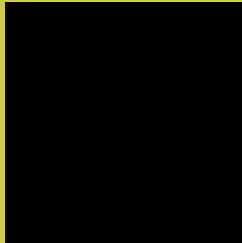
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 56.442, 102.390

Background



This preview shows how black text looks on a background with the CIELCh color 79, 56.442, 102.390.



This preview shows how white text looks on a background with the CIELCh color 79, 56.442, 102.390.

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

79, 56.442, 102.390

Protanopia

79, 56.418, 95.728

Deuteranopia

79, 55.160, 79.619



Tritanopia
79, 13.072, 345.716

Trichromacy



Original Color
79, 56.442, 102.390

Protanomaly
79, 56.039, 97.944

Deuteranomaly
79, 54.356, 88.061

Tritanomaly
79, 18.528, 81.890

Monochromacy



Original Color
79, 56.442, 102.390

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 21.277, 106.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 56.442, 102.390 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(206, 200, 89)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 89)  
}
```

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(206, 200, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 56.442, 102.390 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(206, 200, 89) }
```

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

```
.border{ border-color:rgb(206, 200, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 89);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 56.442, 102.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 89) }
```

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

```
.background{ background-color: rgb(206,  
200, 89) }
```

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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