

Converting Colors

CIELCh(80, 59.373, 104.395)

Have a look what the booklet for
CIELCh(80, 59.373, 104.395)
contains.

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Color

CIELCh(80, 59.373, 104.395)

Conversions

Conversions Part 1

Format	Color
Hex	CDCC56
RGB	205, 204, 86
RGB Percent	80%, 80%, 34%
CMY	0.1971, 0.2009, 0.6636
CMYK	0.00, 0.00, 0.58, 0.20
HSL	60°, 54%, 57%
HSV	60°, 58%, 80%
XYZ	48.3119, 56.6813, 17.1491
YIQ	190.8470, 38.4740, -36.4860

Conversions

Conversions Part 2

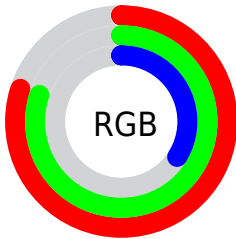
Format	Color
R_{YB}	87, 205, 86
Decimal	13487190
CIE _{Lab}	80.00, -14.76, 57.51
CIE _{LCh}	80, 59.373, 104.395
Yxy	56.6813, 0.3955, 0.4641
Android (android.graphics.Color)	4291677270 (0xFFCDCC56)
YUV	190.8470, -51.6896, 12.4122
Hunter-Lab	75.2870, -17.2083, 39.1956

Details

The CIELCh color **80, 59.373, 104.395** 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 **43, 70.287, 298.897**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 56.773, 105.832**, and **60, 59.347, 104.368** is the 20% darker color. If you saturate the color by 10%, you get **80, 67.567, 103.651**, and if you desaturate by 10%, it is **80, 50.132, 105.246**.

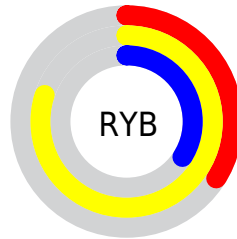
Distribution



Red (80%)

Green (80%)

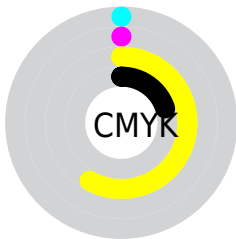
Blue (34%)



Red (34%)

Yellow (80%)

Blue (34%)

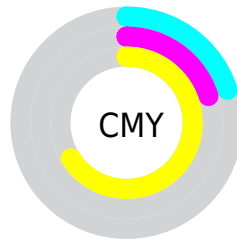


Cyan (0%)

Magenta (0%)

Yellow (58%)

Black (20%)



Cyan (20%)


Magenta (20%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 59.373, 104.395 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 80, 59.373, 104.395 by changing the saturation by 10% instead.


 80, 59.373,
104.395


 80, 59.373,
104.395


 100, 59.373,
104.395


 70, 59.373,
104.395

 60, 59.373,
104.395

 50, 59.373,
104.395

 40, 59.373,
104.395

 30, 59.373,
104.395

 20, 59.373,
104.395

 10, 59.373,

104.395

■ 0, 59.373, 104.395

■ 80, 59.373,
104.395

■ 80, 59.373,
104.395

■ 80, 67.567,
103.651

■ 80, 50.132,
105.246

■ 80, 74.221,
103.047

■ 81, 40.223,
106.163

■ 80, 78.836,
102.619

■ 81, 29.909,
107.120

■ 79, 81.266,
102.371

■ 81, 19.360,
108.093

■ 79, 81.627,
102.332

■ 82, 8.687, 109.062

■ 82, 2.040, 290.064

■ 83, 12.776,
290.972

■ 84, 23.490,
291.874

■ 84, 26.259,
292.013

Harmonies

Complementary

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



80, 59.373, 104.395



43, 70.287, 298.897

Rectangle

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



80, 59.373, 104.395



80, 59.373, 154.395



80, 59.373, 284.395



80, 59.373, 334.395

Sweetspot

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



80, 59.374, 104.398



99, 21.726, 108.180



52, 52.646, 25.822



53, 14.521, 107.981



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 59.374, 104.398



97, 82.120, 103.467



76, 64.577, 125.892



43, 6.058, 108.939



66, 69.770, 102.340



14, 21.718, 104.956

Inverse Universe

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



43, 70.287, 298.897



45, 102.845, 301.756



48, 70.752, 311.507



39, 6.191, 290.826



19, 96.528, 306.174



1, 23.397, 292.250

Previews

White Background



This preview shows how the CIELCh color 80, 59.373, 104.395 looks on a white background.

Color Contrast Check

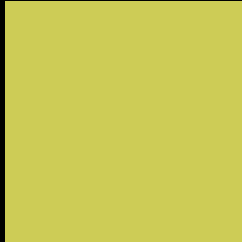
Large Text (above 18pt) WCAG AA × Fail

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 80, 59.373, 104.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

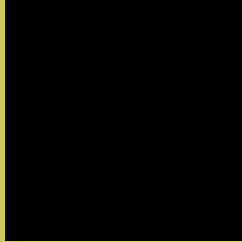
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 59.373, 104.395

Background



This preview shows how black text looks on a background with the CIELCh color 80, 59.373, 104.395.



This preview shows how white text looks on a background with the CIELCh color 80, 59.373, 104.395.

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
80, 59.373, 104.395

Protanopia
80, 58.979, 95.955

Deuteranopia
80, 57.410, 80.069



Tritanopia
80, 12.187, 339.483

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 59.373, 104.395 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(205, 204, 86)` looks like.

```
.text, #text, p{  
    color:rgb(205, 204, 86)  
}
```

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(205, 204, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 204, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 59.373, 104.395 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(205, 204, 86) }
```

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

```
.border{ border-color:rgb(205, 204, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 204, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 204, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 204, 86);  
box-shadow:4px 4px 4px 4px rgb(205, 204,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 59.373, 104.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 204, 86) }
```

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

```
.background{ background-color: rgb(205,  
204, 86) }
```

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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