

Converting Colors

CIELCh(73, 59.222, 86.945)

Have a look what the booklet for
CIELCh(73, 59.222, 86.945) contains.

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Color

CIELCh(73, 59.120, 86.845)

Conversions

Conversions Part 1

Format	Color
Hex	D6AE41
RGB	214, 174, 65
RGB Percent	84%, 68%, 25%
CMY	0.1591, 0.3161, 0.7436
CMYK	0.00, 0.19, 0.70, 0.16
HSL	44°, 65%, 55%
HSV	44°, 70%, 84%
XYZ	44.0290, 45.1644, 11.4560
YIQ	173.5340, 58.8290, -25.4190

Conversions

Conversions Part 2

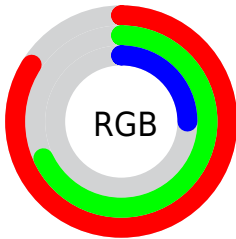
Format	Color
RYB	120, 214, 65
Decimal	14069313
CIELab	73.00, 3.25, 59.03
CIELCh	73, 59.120, 86.845
Yxy	45.1644, 0.4374, 0.4487
Android (android.graphics.Color)	4292259393 (0xFFD6AE41)
YUV	173.5340, -53.5073, 35.4887
Hunter-Lab	67.2044, -0.6635, 36.9363

Details

The CIELCh color **73, 59.120, 86.845** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **47, 64.215, 290.293**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 56.841, 94.582**, and **53, 58.661, 86.994** is the 20% darker color. If you saturate the color by 10%, you get **71, 65.783, 85.308**, and if you desaturate by 10%, it is **75, 51.297, 88.285**.

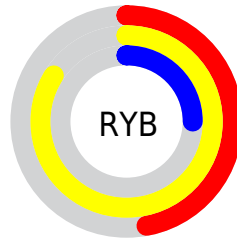
Distribution



Red (84%)

Green (68%)

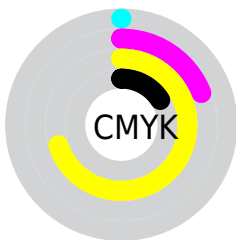
Blue (25%)



Red (47%)

Yellow (84%)

Blue (25%)

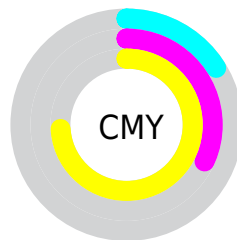


Cyan (0%)

Magenta (19%)

Yellow (70%)

Black (16%)



Cyan (16%)

Magenta (32%)

Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 59.120, 86.845 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 73, 59.120, 86.845 by changing the saturation by 10% instead.

 73, 59.120, 86.845

 73, 59.120, 86.845

 100, 59.120,
86.845

 63, 59.120, 86.845

 93, 59.120, 86.845

 53, 59.120, 86.845

 43, 59.120, 86.845

 33, 59.120, 86.845

 23, 59.120, 86.845

 13, 59.120, 86.845

 3, 59.120, 86.845

 0, 59.120, 86.845

 73, 59.120, 86.845

 73, 59.120, 86.845

71, 65.783, 85.308

75, 51.297, 88.285

70, 70.534, 83.573

76, 42.870, 89.663

68, 73.006, 81.560

78, 34.181, 91.004

68, 73.115, 81.460

80, 25.425, 92.310

82, 16.707, 93.579

84, 8.082, 94.800

86, 0.426, 276.507

88, 8.808, 277.186

90, 15.378,
276.547

Harmonies

Complementary

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



73, 59.120, 86.845



47, 64.215, 290.293

Rectangle

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



73, 59.120, 86.845



73, 59.120, 136.845



73, 59.120, 266.845



73, 59.120, 316.845

Sweetspot

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



73, 59.120, 86.848



95, 20.725, 93.366



51, 61.506, 9.139



50, 14.052, 93.014



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 59.120, 86.848



83, 77.631, 84.590



81, 73.033, 114.651



44, 4.820, 94.810



55, 61.795, 81.846



13, 19.121, 85.181

Inverse Universe

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



47, 64.215, 290.293



48, 90.049, 294.975



40, 88.271, 305.539



42, 4.850, 277.168



26, 79.263, 299.633



4, 22.527, 286.878

Previews

White Background



This preview shows how the CIELCh color 73, 59.120, 86.845 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 73, 59.120, 86.845 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 73, 59.120, 86.845

Background



This preview shows how black text looks on a background with the CIELCh color 73, 59.120, 86.845.



This preview shows how white text looks on a background with the CIELCh color 73, 59.120, 86.845.

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

73, 59.120, 86.845

Protanopia

73, 58.327, 95.725

Deuteranopia

73, 59.356, 80.528



Tritanopia
73, 24.154, 4.918

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 59.120, 86.845 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(214, 174, 65)` looks like.

```
.text, #text, p{  
    color:rgb(214, 174, 65)  
}
```

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(214, 174, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 174, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 59.120, 86.845 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(214, 174, 65) }
```

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

```
.border{ border-color:rgb(214, 174, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 174, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 174, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 174, 65);  
box-shadow:4px 4px 4px 4px rgb(214, 174,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 59.120, 86.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 174, 65) }
```

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

```
.background{ background-color: rgb(214,  
174, 65) }
```

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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