

Converting Colors

CIELCh(78, 79.713, 92.347)

Have a look what the booklet for
CIELCh(78, 79.713, 92.347) contains.

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Color

CIELCh(78, 79.497, 92.150)

Conversions

Conversions Part 1

Format	Color
Hex	E0BF01
RGB	224, 191, 1
RGB Percent	88%, 75%, 0%
CMY	0.1208, 0.2503, 0.9980
CMYK	0.00, 0.15, 1.00, 0.12
HSL	51°, 100%, 44%
HSV	51°, 100%, 88%
XYZ	49.4678, 53.2120, 7.6780
YIQ	179.2070, 80.6580, -52.0940

Conversions

Conversions Part 2

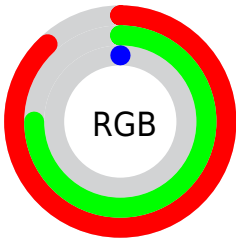
Format	Color
RYB	40, 224, 1
Decimal	14728961
CIELab	78.00, -2.98, 79.44
CIELCh	78, 79.497, 92.150
Yxy	53.2120, 0.4482, 0.4822
Android (android.graphics.Color)	4292919041 (0xFFE0BF01)
YUV	179.2070, -87.8561, 39.2835
Hunter-Lab	72.9466, -6.6090, 44.8220

Details

The CIELCh color **78, 79.497, 92.150** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **31, 112.512, 304.158**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 77.561, 101.655**, and **58, 62.737, 91.499** is the 20% darker color. If you saturate the color by 10%, you get **78, 79.533, 92.126**, and if you desaturate by 10%, it is **79, 77.525, 93.280**.

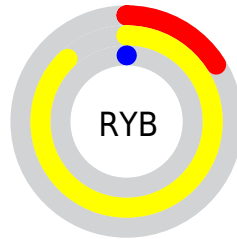
Distribution



Red (88%)

Green (75%)

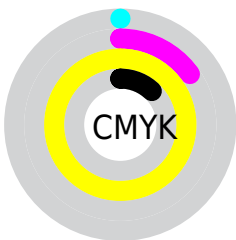
Blue (0%)



Red (16%)

Yellow (88%)

Blue (0%)

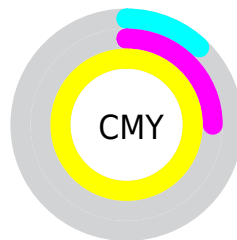


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (25%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 79.497, 92.150 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 78, 79.497, 92.150 by changing the saturation by 10% instead.

 78, 79.497, 92.150

 78, 79.497, 92.150

 100, 79.497,
92.150

 68, 79.497, 92.150

 98, 79.497, 92.150

 58, 79.497, 92.150

 48, 79.497, 92.150

 38, 79.497, 92.150

 28, 79.497, 92.150

 18, 79.497, 92.150

 8, 79.497, 92.150

 0, 79.497, 92.150

 78, 79.497, 92.150

 78, 79.497, 92.150

■ 78, 79.533, 92.126

■ 79, 77.525, 93.280

■ 80, 73.162, 94.381

■ 81, 66.571, 95.485

■ 82, 58.434, 96.609

■ 83, 49.346, 97.752

■ 84, 39.723, 98.905

■ 85, 29.825,
100.055

■ 87, 19.810,
101.193

■ 88, 9.770, 102.302

Harmonies

Complementary

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



78, 79.497, 92.150



31, 112.512, 304.158

Rectangle

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



78, 79.497, 92.150



78, 79.497, 142.150



78, 79.497, 272.150



78, 79.497, 322.150

Sweetspot

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



78, 79.496, 92.152



96, 33.365, 100.004



47, 87.626, 33.519



50, 22.742, 99.516



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 79.496, 92.152



88, 87.611, 92.039



82, 94.270, 122.377



47, 5.683, 102.337



63, 66.454, 92.319



17, 24.268, 94.817

Inverse Universe

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



31, 112.512, 304.158



35, 124.829, 304.339



32, 116.821, 308.917



44, 5.769, 284.479



23, 92.972, 303.867



3, 28.416, 292.595

Previews

White Background



This preview shows how the CIELCh color 78, 79.497, 92.150 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 78, 79.497, 92.150 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 78, 79.497, 92.150

Background



This preview shows how black text looks on a background with the CIELCh color 78, 79.497, 92.150.

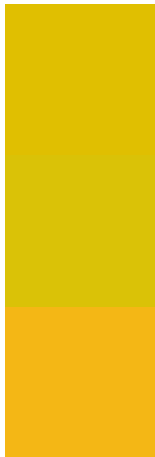


This preview shows how white text looks on a background with the CIELCh color 78, 79.497, 92.150.

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

78, 79.395, 92.146

Protanopia

78, 78.965, 95.136

Deuteranopia

78, 78.530, 82.646



Tritanopia
78, 22.670, 3.722

Trichromacy



Original Color
78, 79.395, 92.146

Protanomaly
78, 79.078, 94.137

Deuteranomaly
78, 78.761, 86.080

Tritanomaly
77, 38.788, 75.311

Monochromacy



Original Color
78, 79.395, 92.146

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 37.000, 98.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 79.497, 92.150 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(224, 191, 1)` looks like.

```
.text, #text, p{  
    color:rgb(224, 191, 1)  
}
```

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(224, 191, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 191, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 79.497, 92.150 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(224, 191, 1) }
```

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

```
.border{ border-color:rgb(224, 191, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 191, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 191, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 191, 1);  
box-shadow:4px 4px 4px 4px rgb(224, 191,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 79.497, 92.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 191, 1) }
```

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

```
.background{ background-color: rgb(224,  
191, 1) }
```

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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