

Converting Colors

CIELCh(73, 73.599, 92.698)

Have a look what the booklet for
CIELCh(73, 73.599, 92.698) contains.

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Color

CIELCh(73, 73.518, 92.734)

Conversions

Conversions Part 1

Format	Color
Hex	CFB20F
RGB	207, 178, 15
RGB Percent	81%, 70%, 6%
CMY	0.1881, 0.3018, 0.9407
CMYK	0.00, 0.14, 0.93, 0.19
HSL	51°, 86%, 44%
HSV	51°, 93%, 81%
XYZ	41.7609, 45.1644, 6.9722
YIQ	168.0890, 69.6070, -44.5450

Conversions

Conversions Part 2

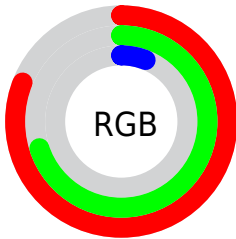
Format	Color
RYB	49, 207, 15
Decimal	13611535
CIELab	73.00, -3.51, 73.43
CIELCh	73, 73.518, 92.734
Yxy	45.1644, 0.4448, 0.4810
Android (android.graphics.Color)	4291801615 (0xFFCFB20F)
YUV	168.0890, -75.4729, 34.1249
Hunter-Lab	67.2044, -6.6878, 40.8920

Details

The CIELCh color **73, 73.518, 92.734** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **30, 99.061, 302.479**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 72.510, 96.934**, and **53, 58.542, 92.399** is the 20% darker color. If you saturate the color by 10%, you get **72, 74.806, 91.899**, and if you desaturate by 10%, it is **74, 70.028, 93.857**.

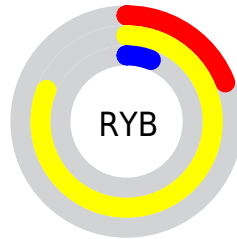
Distribution



Red (81%)

Green (70%)

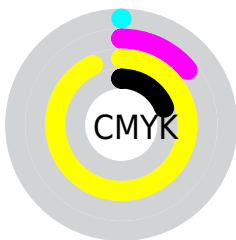
Blue (6%)



Red (19%)

Yellow (81%)

Blue (6%)

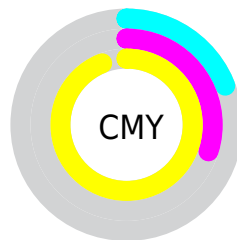


Cyan (0%)

Magenta (14%)

Yellow (93%)

Black (19%)



Cyan (19%)

Magenta (30%)

Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 73.518, 92.734 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, 73.518, 92.734 by changing the saturation by 10% instead.

 73, 73.518, 92.734

 73, 73.518, 92.734

 100, 73.518,
92.734

 63, 73.518, 92.734

 93, 73.518, 92.734

 53, 73.518, 92.734

 43, 73.518, 92.734

 33, 73.518, 92.734

 23, 73.518, 92.734

 13, 73.518, 92.734

 3, 73.518, 92.734

 0, 73.518, 92.734

 73, 73.518, 92.734

 73, 73.518, 92.734

72, 74.806, 91.899

74, 70.028, 93.857

75, 64.322, 94.967

76, 57.014, 96.091

77, 48.698, 97.233

78, 39.800, 98.385

79, 30.598, 99.537

80, 21.257,
100.678

81, 11.876,
101.796

83, 2.512, 102.847

Harmonies

Complementary

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



73, 73.518, 92.734



30, 99.061, 302.479

Rectangle

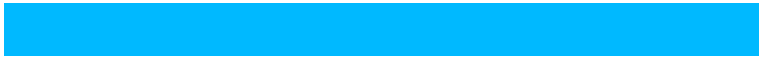
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 73.518, 92.734



73, 73.518, 142.734



73, 73.518, 272.734



73, 73.518, 322.734

Sweetspot

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



73, 73.517, 92.736



96, 31.044, 100.037



44, 77.304, 28.649



51, 21.418, 99.536



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, 73.517, 92.736



87, 87.438, 91.749



76, 86.231, 120.818



43, 5.343, 102.155



60, 64.197, 92.078



14, 19.980, 95.491

Inverse Universe

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



30, 99.061, 302.479



35, 124.482, 304.259



31, 106.716, 308.888



41, 5.421, 284.286



22, 89.468, 303.705



3, 22.892, 289.401

Previews

White Background



This preview shows how the CIELCh color 73, 73.518, 92.734 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 73, 73.518, 92.734 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, 73.518, 92.734

Background



This preview shows how black text looks on a background with the CIELCh color 73, 73.518, 92.734.

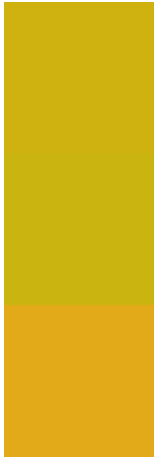


This preview shows how white text looks on a background with the CIELCh color 73, 73.518, 92.734.

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, 73.518, 92.734

Protanopia

73, 73.442, 95.262

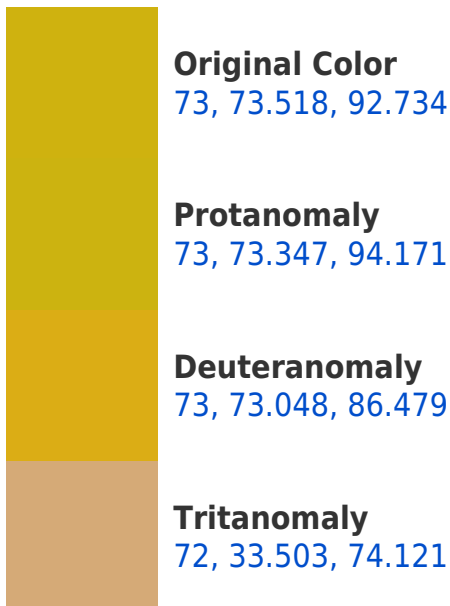
Deuteranopia

73, 73.016, 92.764



Tritanopia
73, 20.598, 3.076

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 73.518, 92.734 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(207, 178, 15)` looks like.

```
.text, #text, p{  
    color:rgb(207, 178, 15)  
}
```

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(207, 178, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 178, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 73.518, 92.734 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(207, 178, 15) }
```

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

```
.border{ border-color:rgb(207, 178, 15) }
```

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

Here you see how a box with a 4 pixel rgb(207, 178, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 178, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 178, 15);  
box-shadow:4px 4px 4px 4px rgb(207, 178,  
15) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 73.518, 92.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 178, 15) }
```

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

```
.background{ background-color: rgb(207,  
178, 15) }
```

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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