

Converting Colors

CIELCh(73, 20.529, 89.736)

Have a look what the booklet for
CIELCh(73, 20.529, 89.736) contains.

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Color

CIELCh(73, 20.507, 89.753)

Conversions

Conversions Part 1

Format	Color
Hex	C2B28E
RGB	194, 178, 142
RGB Percent	76%, 70%, 56%
CMY	0.2399, 0.3026, 0.4438
CMYK	0.00, 0.08, 0.27, 0.24
HSL	42°, 30%, 66%
HSV	42°, 27%, 76%
XYZ	42.9571, 45.1644, 31.9780
YIQ	178.6800, 21.0920, -7.8040

Conversions

Conversions Part 2

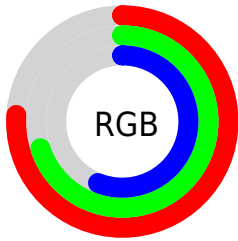
Format	Color
RYB	165, 194, 142
Decimal	12759694
CIELab	73.00, 0.09, 20.51
CIELCh	73, 20.507, 89.753
Yxy	45.1644, 0.3577, 0.3761
Android (android.graphics.Color)	4290949774 (0xFFC2B28E)
YUV	178.6800, -18.0832, 13.4356
Hunter-Lab	67.2044, -3.5106, 18.8310

Details

The CIELCh color $73, 20.507, 89.753$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $65, 20.553, 277.082$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 20.558, 90.233$, and $53, 20.122, 88.504$ is the 20% darker color. If you saturate the color by 10%, you get $71, 28.362, 88.436$, and if you desaturate by 10%, it is $75, 12.750, 91.041$.

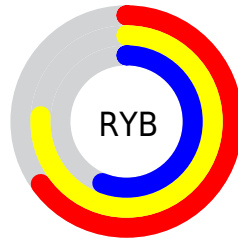
Distribution



Red (76%)

Green (70%)

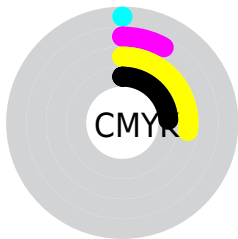
Blue (56%)



Red (65%)

Yellow (76%)

Blue (56%)

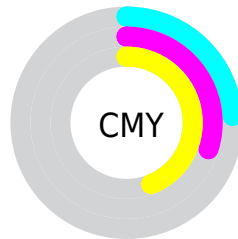


Cyan (0%)

Magenta (8%)

Yellow (27%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 20.507, 89.753 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, 20.507, 89.753 by changing the saturation by 10% instead.

■ 73, 20.507, 89.753

■ 73, 20.507, 89.753

■ 100, 20.507,
89.753

■ 63, 20.507, 89.753

■ 93, 20.507, 89.753

■ 53, 20.507, 89.753

■ 43, 20.507, 89.753

■ 33, 20.507, 89.753

■ 23, 20.507, 89.753

■ 13, 20.507, 89.753

■ 3, 20.507, 89.753

■ 0, 20.507, 89.753

■ 73, 20.507, 89.753

■ 73, 20.507, 89.753

71, 28.362, 88.436

75, 12.750, 91.041

69, 36.245, 87.073

77, 5.119, 92.262

67, 44.024, 85.666

79, 2.375, 273.598

66, 51.452, 84.195

81, 9.730, 274.681

64, 58.106, 82.611

83, 16.954,
275.773

62, 63.336, 80.818

85, 22.493,
275.477

61, 66.482, 78.675

60, 67.303, 77.975

87, 20.096,
267.173

88, 18.214,
256.997

90, 17.007,
245.053

Harmonies

Complementary

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



73, 20.507, 89.753



65, 20.553, 277.082

Rectangle

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



73, 20.507, 89.753



73, 20.507, 139.753



73, 20.507, 269.753



73, 20.507, 319.753

Sweetspot

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



73, 20.508, 89.759



97, 7.450, 92.109



64, 22.224, 357.657



52, 5.346, 91.926



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, 20.508, 89.759



91, 30.457, 89.011



76, 27.829, 115.471



40, 4.265, 91.961



51, 58.599, 78.373



8, 12.826, 81.809

Inverse Universe

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



65, 20.553, 277.082



79, 30.557, 278.147



61, 29.535, 299.584



38, 4.275, 274.357



26, 71.264, 297.600



3, 15.402, 281.000

Previews

White Background



This preview shows how the CIELCh color 73, 20.507, 89.753 looks on a white background.

Color Contrast Check

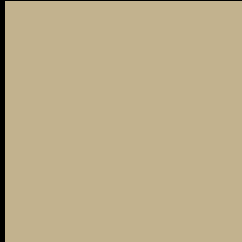
Large Text (above 18pt) WCAG AA × Fail

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, 20.507, 89.753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

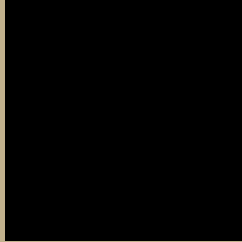
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

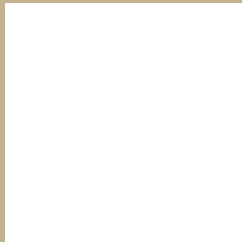
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 20.507, 89.753

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.507, 89.753.



This preview shows how white text looks on a background with the CIELCh color 73, 20.507, 89.753.

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, 20.507, 89.753

Protanopia

73, 20.534, 94.496

Deuteranopia

73, 22.043, 65.047



Tritanopia
73, 12.361, 345.800

Trichromacy



Original Color
73, 20.507, 89.753

Protanomaly
73, 20.638, 93.393

Deuteranomaly
73, 20.666, 73.477

Tritanomaly
73, 9.319, 36.874

Monochromacy



Original Color
73, 20.507, 89.753

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.800, 95.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.507, 89.753 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(194, 178, 142)` looks like.

```
.text, #text, p{  
    color:rgb(194, 178, 142)  
}
```

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(194, 178, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 178, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.507, 89.753 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(194, 178, 142) }
```

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

```
.border{ border-color:rgb(194, 178, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 178, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 178, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 178, 142);  
box-shadow:4px 4px 4px 4px rgb(194, 178,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.507, 89.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 178, 142) }
```

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

```
.background{ background-color: rgb(194,  
178, 142) }
```

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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