

Converting Colors

CIELCh(73, 18.011, 96.395)

Have a look what the booklet for
CIELCh(73, 18.011, 96.395) contains.

CIELCh(73, 17.724, 95.382)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(73, 17.724, 95.382)

Conversions

Conversions Part 1

Format	Color
Hex	BDB393
RGB	189, 179, 147
RGB Percent	74%, 70%, 58%
CMY	0.2588, 0.2980, 0.4235
CMYK	0.00, 0.05, 0.22, 0.26
HSL	46°, 24%, 66%
HSV	46°, 22%, 74%
XYZ	42.3717, 45.1644, 34.0873
YIQ	178.3420, 16.2320, -7.8320

Conversions

Conversions Part 2

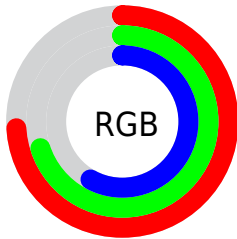
Format	Color
RYB	160, 189, 147
Decimal	12432275
CIELab	73.00, -1.66, 17.65
CIELCh	73, 17.724, 95.382
Yxy	45.1644, 0.3484, 0.3713
Android (android.graphics.Color)	4290622355 (0xFFBDB393)
YUV	178.3420, -15.4516, 9.3471
Hunter-Lab	67.2044, -5.0654, 16.9702

Details

The CIELCh color $73, 17.724, 95.382$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $65, 18.034, 281.031$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 17.927, 95.394$, and $53, 17.674, 95.153$ is the 20% darker color. If you saturate the color by 10%, you get $71, 25.799, 94.152$, and if you desaturate by 10%, it is $75, 9.696, 96.586$.

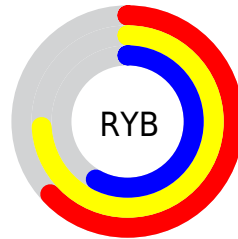
Distribution



Red (74%)

Green (70%)

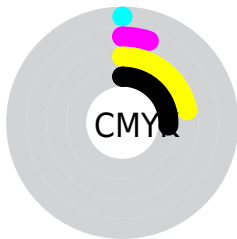
Blue (58%)



Red (63%)

Yellow (74%)

Blue (58%)

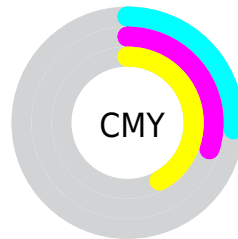


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 17.724, 95.382 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, 17.724, 95.382 by changing the saturation by 10% instead.

■ 73, 17.724, 95.382

■ 73, 17.724, 95.382

■ 100, 17.724,
95.382

■ 63, 17.724, 95.382

■ 93, 17.724, 95.382

■ 53, 17.724, 95.382

■ 43, 17.724, 95.382

■ 33, 17.724, 95.382

■ 23, 17.724, 95.382

■ 13, 17.724, 95.382

■ 3, 17.724, 95.382

■ 0, 17.724, 95.382

■ 73, 17.724, 95.382

■ 73, 17.724, 95.382

71, 25.799, 94.152

75, 9.696, 96.586

70, 33.854, 92.886

76, 1.745, 97.672

69, 41.768, 91.592

78, 6.111, 278.922

67, 49.332, 90.269

80, 13.868,
279.984

66, 56.191, 88.902

81, 21.526,
281.007

64, 61.806, 87.451

63, 65.517, 85.839

83, 26.312,
280.464

62, 67.188, 84.469

84, 24.237,
275.638

85, 22.360,
270.001

86, 20.733,
263.457

Harmonies

Complementary

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



73, 17.724, 95.382



65, 18.034, 281.031

Rectangle

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



73, 17.724, 95.382



73, 17.724, 145.382



73, 17.724, 275.382



73, 17.724, 325.382

Sweetspot

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



73, 17.725, 95.389



95, 6.828, 97.175



65, 17.439, 1.809



50, 4.437, 97.107



98, 0.011, 296.813



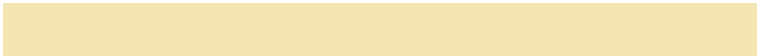
51, 0.007, 296.813

Same Dimension

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



73, 17.725, 95.389



91, 26.632, 94.749



75, 22.831, 118.526



39, 4.482, 96.920



53, 58.941, 84.756



8, 12.317, 89.937

Inverse Universe

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



65, 18.034, 281.031



79, 27.223, 281.893



63, 23.892, 301.476



37, 4.520, 279.186



23, 77.465, 300.729



2, 14.531, 282.839

Previews

White Background



This preview shows how the CIELCh color 73, 17.724, 95.382 looks on a white background.

Color Contrast Check

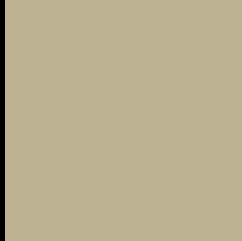
Large Text (above 18pt) WCAG AA × Fail

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, 17.724, 95.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

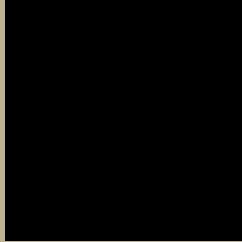
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 17.724, 95.382

Background



This preview shows how black text looks on a background with the CIELCh color 73, 17.724, 95.382.



This preview shows how white text looks on a background with the CIELCh color 73, 17.724, 95.382.

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, 17.724, 95.382

Protanopia

73, 17.822, 94.116

Deuteranopia

73, 19.422, 61.780



Tritanopia
73, 10.940, 336.397

Trichromacy



Original Color
73, 17.724, 95.382

Protanomaly
73, 17.822, 94.116

Deuteranomaly
73, 17.844, 74.197

Tritanomaly
73, 6.713, 33.821

Monochromacy



Original Color
73, 17.724, 95.382

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.137, 95.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 17.724, 95.382 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(189, 179, 147)` looks like.

```
.text, #text, p{  
    color:rgb(189, 179, 147)  
}
```

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(189, 179, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 179, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 17.724, 95.382 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(189, 179, 147) }
```

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

```
.border{ border-color:rgb(189, 179, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 179, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 179, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 179, 147);  
box-shadow:4px 4px 4px 4px rgb(189, 179,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 17.724, 95.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 179, 147) }
```

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

```
.background{ background-color: rgb(189,  
179, 147) }
```

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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