

Converting Colors

CIELCh(73, 33.266, 95.975)

Have a look what the booklet for
CIELCh(73, 33.266, 95.975) contains.

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Color

CIELCh(73, 33.266, 95.975)

Conversions

Conversions Part 1

Format	Color
Hex	C2B376
RGB	194, 179, 118
RGB Percent	76%, 70%, 46%
CMY	0.2381, 0.2970, 0.5363
CMYK	0.00, 0.08, 0.39, 0.24
HSL	48°, 38%, 61%
HSV	48°, 39%, 76%
XYZ	41.7754, 45.1644, 23.7328
YIQ	176.5310, 28.5210, -15.7910

Conversions

Conversions Part 2

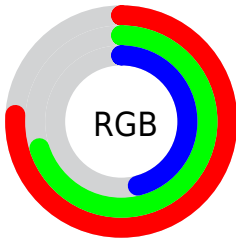
Format	Color
RYB	137, 194, 118
Decimal	12759926
CIELab	73.00, -3.46, 33.09
CIELCh	73, 33.266, 95.975
Yxy	45.1644, 0.3775, 0.4081
Android (android.graphics.Color)	4290950006 (0xFFC2B376)
YUV	176.5310, -28.8558, 15.3203
Hunter-Lab	67.2044, -6.6493, 26.1052

Details

The CIELCh color **73, 33.266, 95.975** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57, 34.975, 286.481**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 33.374, 95.966**, and **53, 33.304, 95.605** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.609, 94.754**, and if you desaturate by 10%, it is **74, 24.769, 97.187**.

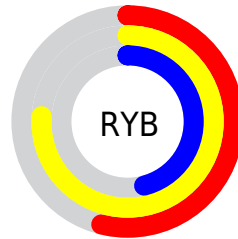
Distribution



Red (76%)

Green (70%)

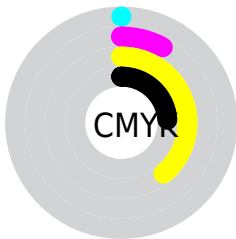
Blue (46%)



Red (54%)

Yellow (76%)

Blue (46%)

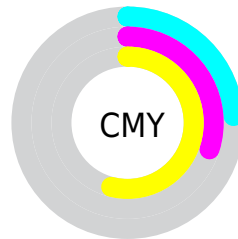


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 33.266, 95.975 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, 33.266, 95.975 by changing the saturation by 10% instead.

■ 73, 33.266, 95.975

■ 73, 33.266, 95.975

■ 100, 33.266,
95.975

■ 63, 33.266, 95.975

■ 93, 33.266, 95.975

■ 53, 33.266, 95.975

■ 43, 33.266, 95.975

■ 33, 33.266, 95.975

■ 23, 33.266, 95.975

■ 13, 33.266, 95.975

■ 3, 33.266, 95.975

■ 0, 33.266, 95.975

■ 73, 33.266, 95.975

■ 73, 33.266, 95.975

72, 41.609, 94.754

74, 24.769, 97.187

70, 49.596, 93.516

76, 16.230, 98.371

69, 56.898, 92.263

77, 7.715, 99.516

68, 63.013, 90.982

79, 0.740, 280.861

67, 67.306, 89.631

80, 9.118, 281.750

66, 69.526, 88.167

82, 17.411,
282.775

66, 69.697, 88.040

83, 25.614,
283.758

84, 24.130,
280.069

85, 22.378,
275.604

Harmonies

Complementary

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



73, 33.266, 95.975



57, 34.975, 286.481

Rectangle

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



73, 33.266, 95.975



73, 33.266, 145.975



73, 33.266, 275.975



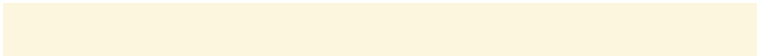
73, 33.266, 325.975

Sweetspot

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



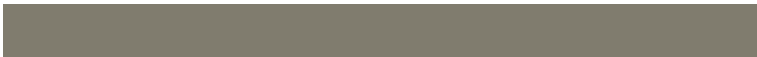
73, 33.267, 95.979



97, 12.560, 99.171



58, 32.005, 8.015



52, 8.404, 99.019



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, 33.267, 95.979



91, 49.278, 94.925



75, 41.007, 119.554



40, 4.781, 99.490



55, 60.617, 88.278



10, 14.556, 93.209

Inverse Universe

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



57, 34.975, 286.481



67, 52.710, 288.328



55, 44.488, 304.594



38, 4.836, 281.687



22, 82.323, 302.248



2, 16.800, 285.191

Previews

White Background



This preview shows how the CIELCh color 73, 33.266, 95.975 looks on a white background.

Color Contrast Check

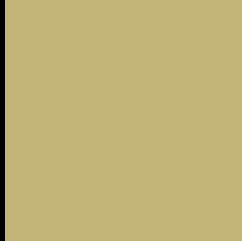
Large Text (above 18pt) WCAG AA × Fail

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, 33.266, 95.975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

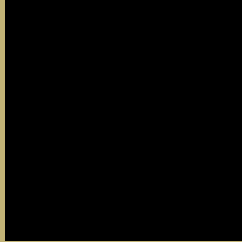
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 33.266, 95.975

Background



This preview shows how black text looks on a background with the CIELCh color 73, 33.266, 95.975.

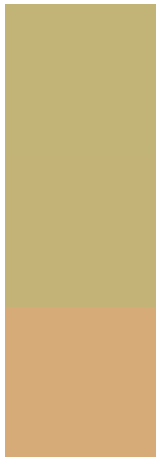


This preview shows how white text looks on a background with the CIELCh color 73, 33.266, 95.975.

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, 33.266, 95.975

Protanopia

73, 33.356, 95.260

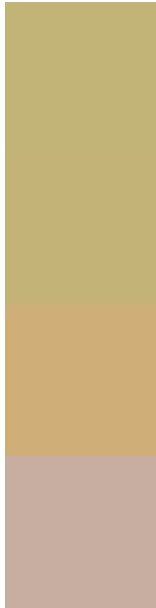
Deuteranopia

73, 33.717, 73.553



Tritanopia
73, 13.323, 348.734

Trichromacy



Original Color
73, 33.266, 95.975

Protanomaly
73, 33.356, 95.260

Deuteranomaly
73, 32.984, 82.010

Tritanomaly
73, 12.493, 57.143

Monochromacy



Original Color
73, 33.266, 95.975

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 12.053, 99.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 33.266, 95.975 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, 179, 118)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 118)  
}
```

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, 179, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 33.266, 95.975 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, 179, 118) }
```

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

```
.border{ border-color:rgb(194, 179, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 179, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 118);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 33.266, 95.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 118) }
```

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

```
.background{ background-color: rgb(194,  
179, 118) }
```

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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