

Converting Colors

CIELCh(73, 27.096, 92.848)

Have a look what the booklet for
CIELCh(73, 27.096, 92.848) contains.

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Color

CIELCh(73, 26.806, 92.352)

Conversions

Conversions Part 1

Format	Color
Hex	C3B282
RGB	195, 178, 130
RGB Percent	76%, 70%, 51%
CMY	0.2345, 0.3012, 0.4895
CMYK	0.00, 0.09, 0.33, 0.23
HSL	44°, 35%, 64%
HSV	44°, 33%, 77%
XYZ	42.5591, 45.1644, 27.6591
YIQ	177.6110, 25.5400, -11.3240

Conversions

Conversions Part 2

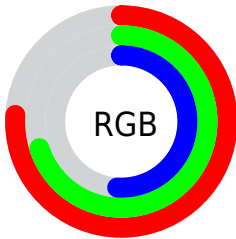
Format	Color
RYB	153, 195, 130
Decimal	12825218
CIELab	73.00, -1.10, 26.78
CIELCh	73, 26.806, 92.352
Yxy	45.1644, 0.3689, 0.3914
Android (android.graphics.Color)	4291015298 (0xFFC3B282)
YUV	177.6110, -23.4722, 15.2502
Hunter-Lab	67.2044, -4.5675, 22.6413

Details

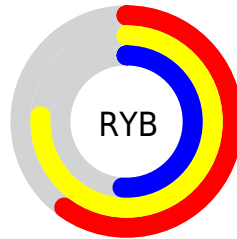
The CIELCh color **73, 26.806, 92.352** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 27.360, 281.476**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 27.064, 93.106**, and **53, 27.009, 93.258** is the 20% darker color. If you saturate the color by 10%, you get **71, 34.947, 91.055**, and if you desaturate by 10%, it is **75, 18.665, 93.625**.

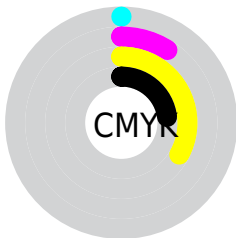
Distribution



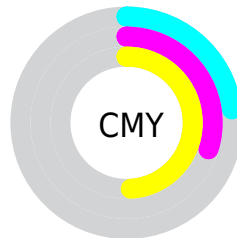
- Red (76%)
- Green (70%)
- Blue (51%)



- Red (60%)
- Yellow (76%)
- Blue (51%)



- Cyan (0%)
- Magenta (9%)
- Yellow (33%)
- Black (23%)



- Cyan (23%)
- Magenta (30%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 26.806, 92.352 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, 26.806, 92.352 by changing the saturation by 10% instead.

 73, 26.806, 92.352

 73, 26.806, 92.352

 100, 26.806,
92.352

 63, 26.806, 92.352

 93, 26.806, 92.352

 53, 26.806, 92.352

 43, 26.806, 92.352

 33, 26.806, 92.352

 23, 26.806, 92.352

 13, 26.806, 92.352

 3, 26.806, 92.352

 0, 26.806, 92.352

 73, 26.806, 92.352

 73, 26.806, 92.352

71, 34.947, 91.055

75, 18.665, 93.625

70, 42.962, 89.720

76, 10.588, 94.853

68, 50.629, 88.346

78, 2.606, 95.993

67, 57.572, 86.907

80, 5.265, 277.252

65, 63.210, 85.349

82, 13.023,
278.333

64, 66.843, 83.572

84, 20.669,
279.380

63, 68.310, 82.269

85, 22.237,
276.138

87, 20.130,
269.116

88, 18.385,
260.683

Harmonies

Complementary

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



73, 26.806, 92.352



61, 27.360, 281.476

Rectangle

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



73, 26.806, 92.352



73, 26.806, 142.352



73, 26.806, 272.352



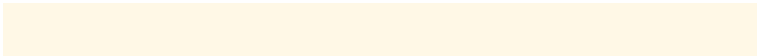
73, 26.806, 322.352

Sweetspot

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



73, 26.807, 92.357



98, 9.861, 95.228



61, 27.509, 2.123



52, 6.735, 95.059



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, 26.807, 92.357



91, 40.083, 91.405



76, 34.830, 117.132



40, 4.471, 95.322



53, 59.187, 82.612



9, 13.480, 86.958

Inverse Universe

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



61, 27.360, 281.476



74, 41.207, 282.971



58, 37.465, 301.902



38, 4.501, 277.638



24, 76.113, 299.790



3, 15.976, 282.841

Previews

White Background



This preview shows how the CIELCh color 73, 26.806, 92.352 looks on a white background.

Color Contrast Check

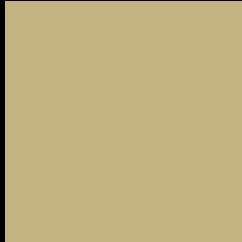
Large Text (above 18pt) WCAG AA × Fail

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, 26.806, 92.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

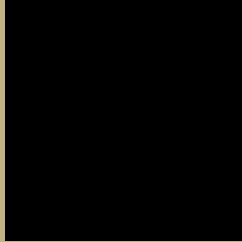
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 26.806, 92.352

Background



This preview shows how black text looks on a background with the CIELCh color 73, 26.806, 92.352.



This preview shows how white text looks on a background with the CIELCh color 73, 26.806, 92.352.

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, 26.806, 92.352

Protanopia

73, 26.461, 94.984

Deuteranopia

73, 27.639, 70.716



Tritanopia
73, 13.323, 348.734

Trichromacy



Original Color
73, 26.806, 92.352

Protanomaly
73, 26.560, 94.107

Deuteranomaly
73, 26.980, 78.144

Tritanomaly
73, 11.222, 48.759

Monochromacy



Original Color
73, 26.806, 92.352

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.479, 95.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 26.806, 92.352 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(195, 178, 130)` looks like.

```
.text, #text, p{  
    color:rgb(195, 178, 130)  
}
```

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(195, 178, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 178, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 26.806, 92.352 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(195, 178, 130) }
```

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

```
.border{ border-color:rgb(195, 178, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 178, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 178, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 178, 130);  
box-shadow:4px 4px 4px 4px rgb(195, 178,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 26.806, 92.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 178, 130) }
```

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

```
.background{ background-color: rgb(195,  
178, 130) }
```

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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