

Converting Colors

CIELCh(77, 24.018, 91.977)

Have a look what the booklet for
CIELCh(77, 24.018, 91.977) contains.

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Color

CIELCh(77, 23.843, 92.228)

Conversions

Conversions Part 1

Format	Color
Hex	CDBD92
RGB	205, 189, 146
RGB Percent	80%, 74%, 57%
CMY	0.1955, 0.2583, 0.4269
CMYK	0.00, 0.08, 0.29, 0.20
HSL	44°, 37%, 69%
HSV	44°, 29%, 80%
XYZ	48.6404, 51.5317, 34.6304
YIQ	188.8820, 23.3390, -9.9810

Conversions

Conversions Part 2

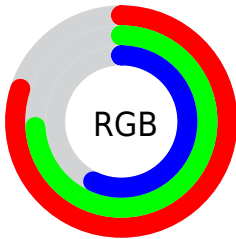
Format	Color
RYB	168, 205, 146
Decimal	13483410
CIELab	77.00, -0.93, 23.82
CIELCh	77, 23.843, 92.228
Yxy	51.5317, 0.3608, 0.3823
Android (android.graphics.Color)	4291673490 (0xFFCDBD92)
YUV	188.8820, -21.1408, 14.1355
Hunter-Lab	71.7856, -4.6771, 21.6476

Details

The CIELCh color **77, 23.843, 92.228** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 24.180, 280.010**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 23.194, 98.992**, and **57, 23.980, 92.516** is the 20% darker color. If you saturate the color by 10%, you get **75, 32.277, 90.932**, and if you desaturate by 10%, it is **79, 15.457, 93.498**.

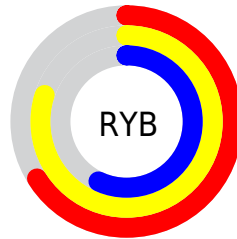
Distribution



Red (80%)

Green (74%)

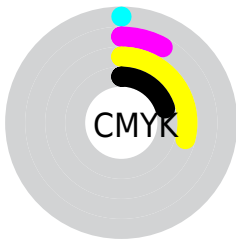
Blue (57%)



Red (66%)

Yellow (80%)

Blue (57%)

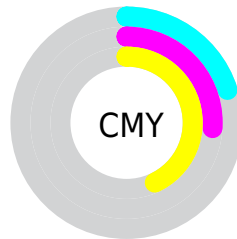


Cyan (0%)

Magenta (8%)

Yellow (29%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 23.843, 92.228 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 77, 23.843, 92.228 by changing the saturation by 10% instead.

■ 77, 23.843, 92.228

■ 77, 23.843, 92.228

■ 100, 23.843,
92.228

■ 67, 23.843, 92.228

■ 97, 23.843, 92.228

■ 57, 23.843, 92.228

■ 47, 23.843, 92.228

■ 37, 23.843, 92.228

■ 27, 23.843, 92.228

■ 17, 23.843, 92.228

■ 7, 23.843, 92.228

■ 0, 23.843, 92.228

■ 77, 23.843, 92.228

■ 77, 23.843, 92.228

75, 32.277, 90.932

79, 15.457, 93.498

73, 40.661, 89.595

81, 7.164, 94.714

72, 48.818, 88.220

83, 1.013, 276.130

70, 56.438, 86.789

85, 9.067, 277.091

69, 63.009, 85.258

87, 16.998,
278.171

67, 67.819, 83.541

88, 17.740,
272.736

66, 70.417, 81.544

65, 70.698, 81.296

90, 15.718,
262.516

91, 14.316,
249.918

93, 13.709,
235.543

Harmonies

Complementary

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



77, 23.843, 92.228



67, 24.180, 280.010

Rectangle

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



77, 23.843, 92.228



77, 23.843, 142.228



77, 23.843, 272.228



77, 23.843, 322.228

Sweetspot

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



77, 23.844, 92.234



98, 8.780, 94.672



67, 24.710, 0.280



52, 6.109, 94.497



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 23.844, 92.234



92, 34.729, 91.368



80, 31.342, 116.724



42, 4.618, 94.639



54, 60.398, 81.674



11, 16.272, 85.345

Inverse Universe

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



67, 24.180, 280.010



77, 35.389, 281.287



64, 33.376, 300.918



40, 4.645, 276.988



26, 77.062, 299.445



3, 19.206, 284.568

Previews

White Background



This preview shows how the CIELCh color 77, 23.843, 92.228 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 77, 23.843, 92.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

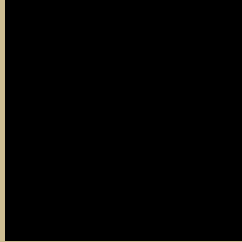
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 23.843, 92.228

Background



This preview shows how black text looks on a background with the CIELCh color 77, 23.843, 92.228.



This preview shows how white text looks on a background with the CIELCh color 77, 23.843, 92.228.

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

77, 23.843, 92.228

Protanopia

77, 24.023, 95.321

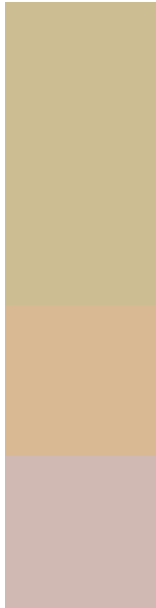
Deuteranopia

77, 25.414, 67.023



Tritanopia
77, 13.447, 343.856

Trichromacy



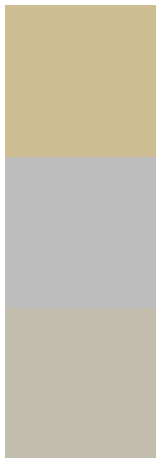
Original Color
77, 23.843, 92.228

Protanomaly
77, 24.118, 94.376

Deuteranomaly
77, 24.305, 75.741

Tritanomaly
77, 9.755, 39.183

Monochromacy



Original Color
77, 23.843, 92.228

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 8.854, 94.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 23.843, 92.228 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(205, 189, 146)` looks like.

```
.text, #text, p{  
    color:rgb(205, 189, 146)  
}
```

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(205, 189, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 189, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 23.843, 92.228 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(205, 189, 146) }
```

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

```
.border{ border-color:rgb(205, 189, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 189, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 189, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 189, 146);  
box-shadow:4px 4px 4px 4px rgb(205, 189,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 23.843, 92.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 189, 146) }
```

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

```
.background{ background-color: rgb(205,  
189, 146) }
```

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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