

Converting Colors

CIELCh(77, 62.951, 95.014)

Have a look what the booklet for
CIELCh(77, 62.951, 95.014) contains.

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Color

CIELCh(77, 62.951, 95.014)

Conversions

Conversions Part 1

Format	Color
Hex	D5BE42
RGB	213, 190, 66
RGB Percent	84%, 75%, 26%
CMY	0.1636, 0.2538, 0.7401
CMYK	0.00, 0.11, 0.69, 0.16
HSL	51°, 64%, 55%
HSV	51°, 69%, 84%
XYZ	46.9902, 51.5317, 12.6673
YIQ	182.7410, 53.5120, -33.6880

Conversions

Conversions Part 2

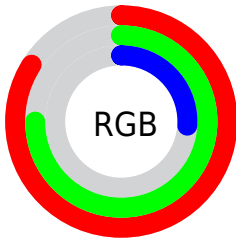
Format	Color
R _Y B	93, 213, 66
Decimal	14007874
CIE Lab	77.00, -5.50, 62.71
CIE LCh	77, 62.951, 95.014
Yxy	51.5317, 0.4226, 0.4635
Android (android.graphics.Color)	4292197954 (0xFFD5BE42)
YUV	182.7410, -57.5533, 26.5371
Hunter-Lab	71.7856, -8.7804, 39.7876

Details

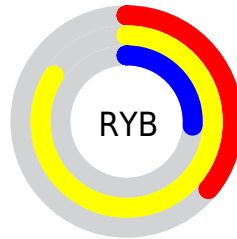
The CIELCh color **77, 62.951, 95.014** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted orange. A complement of this color would be **43, 73.790, 295.866**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 61.687, 101.910**, and **57, 61.703, 94.886** is the 20% darker color. If you saturate the color by 10%, you get **76, 69.473, 93.880**, and if you desaturate by 10%, it is **78, 55.035, 96.165**.

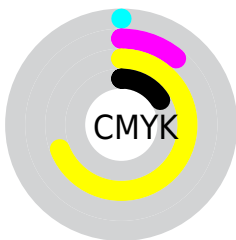
Distribution



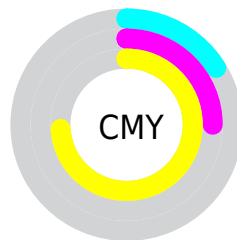
- Red (84%)
- Green (75%)
- Blue (26%)



- Red (36%)
- Yellow (84%)
- Blue (26%)



- Cyan (0%)
- Magenta (11%)
- Yellow (69%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 62.951, 95.014 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, 62.951, 95.014 by changing the saturation by 10% instead.

■ 77, 62.951, 95.014

■ 77, 62.951, 95.014

■ 100, 62.951,
95.014

■ 67, 62.951, 95.014

■ 97, 62.951, 95.014

■ 57, 62.951, 95.014

■ 47, 62.951, 95.014

■ 37, 62.951, 95.014

■ 27, 62.951, 95.014

■ 17, 62.951, 95.014

■ 7, 62.951, 95.014

■ 0, 62.951, 95.014

■ 77, 62.951, 95.014

■ 77, 62.951, 95.014

76, 69.473, 93.880

78, 55.035, 96.165

75, 73.940, 92.736

79, 46.276, 97.325

74, 76.067, 91.551

80, 37.051, 98.490

74, 76.249, 91.423

82, 27.596, 99.649

83, 18.048,
100.792

84, 8.490, 101.903

86, 1.031, 283.144

87, 10.490,
284.071

88, 18.197,
284.267

Harmonies

Complementary

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



77, 62.951, 95.014



43, 73.790, 295.866

Rectangle

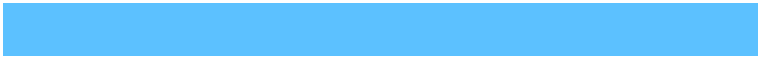
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 62.951, 95.014



77, 62.951, 145.014



77, 62.951, 275.014



77, 62.951, 325.014

Sweetspot

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



77, 62.951, 95.017



97, 23.156, 100.532



51, 61.820, 18.155



51, 15.676, 100.214



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, 62.951, 95.017



89, 82.349, 93.320



80, 74.035, 119.857



44, 5.419, 101.849



60, 64.713, 91.619



14, 21.302, 94.724

Inverse Universe

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



43, 73.790, 295.866



43, 104.553, 300.048



42, 86.591, 308.100



42, 5.497, 283.996



23, 90.103, 303.587



3, 24.605, 290.250

Previews

White Background



This preview shows how the CIELCh color 77, 62.951, 95.014 looks on a white background.

Color Contrast Check

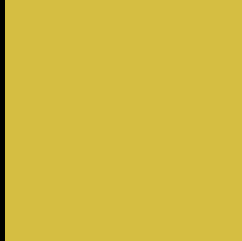
Large Text (above 18pt) WCAG AA × Fail

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, 62.951, 95.014 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, 62.951, 95.014

Background



This preview shows how black text looks on a background with the CIELCh color 77, 62.951, 95.014.



This preview shows how white text looks on a background with the CIELCh color 77, 62.951, 95.014.

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, 62.951, 95.014

Protanopia

77, 63.262, 95.459

Deuteranopia

77, 63.052, 81.268



Tritanopia
77, 18.504, 357.239

Trichromacy



Original Color
77, 62.951, 95.014

Protanomaly
77, 63.262, 95.459

Deuteranomaly
77, 62.397, 86.207

Tritanomaly
76, 24.737, 70.553

Monochromacy



Original Color
77, 62.951, 95.014

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 24.265, 100.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 62.951, 95.014 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(213, 190, 66)` looks like.

```
.text, #text, p{  
    color:rgb(213, 190, 66)  
}
```

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(213, 190, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 190, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 62.951, 95.014 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(213, 190, 66) }
```

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

```
.border{ border-color:rgb(213, 190, 66) }
```

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

Here you see how a box with a 4 pixel rgb(213, 190, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 190, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 190, 66);  
box-shadow:4px 4px 4px 4px rgb(213, 190,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 62.951, 95.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 190, 66) }
```

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

```
.background{ background-color: rgb(213,  
190, 66) }
```

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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