

Converting Colors

CIELCh(72, 52.703, 97.549)

Have a look what the booklet for
CIELCh(72, 52.703, 97.549) contains.

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Color

CIELCh(72, 52.813, 97.753)

Conversions

Conversions Part 1

Format	Color
Hex	C1B24D
RGB	193, 178, 77
RGB Percent	76%, 70%, 30%
CMY	0.2436, 0.3023, 0.6984
CMYK	0.00, 0.08, 0.60, 0.24
HSL	52°, 48%, 53%
HSV	52°, 60%, 76%
XYZ	39.2019, 43.6590, 13.3644
YIQ	170.9710, 41.3610, -28.2310

Conversions

Conversions Part 2

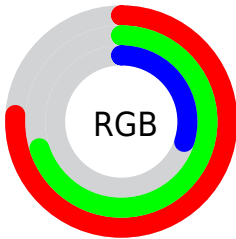
Format	Color
RYB	94, 193, 77
Decimal	12694093
CIELab	72.00, -7.12, 52.33
CIElCh	72, 52.813, 97.753
Yxy	43.6590, 0.4074, 0.4537
Android (android.graphics.Color)	4290884173 (0xFFC1B24D)
YUV	170.9710, -46.3277, 19.3194
Hunter-Lab	66.0750, -9.7281, 34.2604

Details

The CIELCh color **72, 52.813, 97.753** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **43, 60.413, 294.641**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 52.466, 97.381**, and **52, 53.051, 97.723** is the 20% darker color. If you saturate the color by 10%, you get **71, 60.074, 96.695**, and if you desaturate by 10%, it is **73, 44.693, 98.848**.

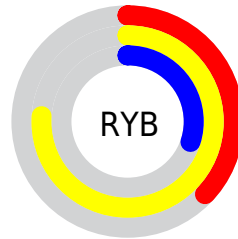
Distribution



Red (76%)

Green (70%)

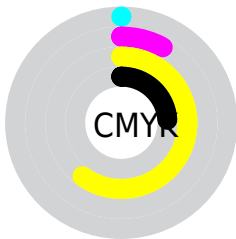
Blue (30%)



Red (37%)

Yellow (76%)

Blue (30%)

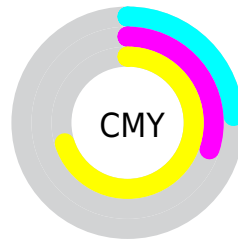


Cyan (0%)

Magenta (8%)

Yellow (60%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 52.813, 97.753 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 72, 52.813, 97.753 by changing the saturation by 10% instead.

72, 52.813, 97.753

72, 52.813, 97.753

100, 52.813,
97.753

62, 52.813, 97.753

92, 52.813, 97.753

52, 52.813, 97.753

42, 52.813, 97.753

32, 52.813, 97.753

22, 52.813, 97.753

12, 52.813, 97.753

2, 52.813, 97.753

0, 52.813, 97.753

72, 52.813, 97.753

72, 52.813, 97.753

71, 60.074, 96.695

73, 44.693, 98.848

70, 65.964, 95.672

74, 36.075, 99.958

70, 69.905, 94.682

75, 27.191,
101.072

69, 71.880, 93.715

76, 18.185,
102.176

77, 9.140, 103.258

78, 0.108, 103.243

79, 8.884, 285.370

80, 17.817,
286.350

82, 26.683,
287.291

Harmonies

Complementary

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



72, 52.813, 97.753



43, 60.413, 294.641

Rectangle

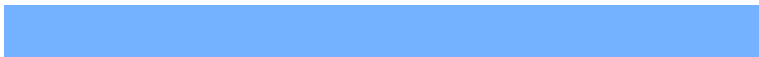
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 52.813, 97.753



72, 52.813, 147.753



72, 52.813, 277.753



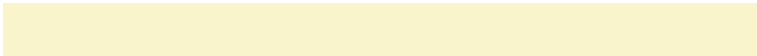
72, 52.813, 327.753

Sweetspot

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



72, 52.814, 97.756



96, 20.065, 102.378



49, 50.161, 17.775



51, 13.941, 102.057



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 52.814, 97.756



90, 75.340, 96.384



73, 61.540, 121.384



40, 5.134, 103.338



58, 62.835, 93.852



11, 15.859, 98.754

Inverse Universe

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



43, 60.413, 294.641



47, 91.212, 298.047



43, 69.622, 308.298



38, 5.216, 285.410



20, 87.829, 304.164



2, 17.703, 287.446

Previews

White Background



This preview shows how the CIELCh color 72, 52.813, 97.753 looks on a white background.

Color Contrast Check

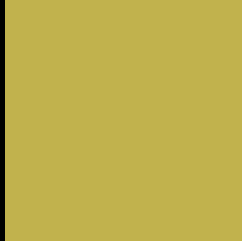
Large Text (above 18pt) WCAG AA × Fail

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 72, 52.813, 97.753 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 72, 52.813, 97.753

Background



This preview shows how black text looks on a background with the CIELCh color 72, 52.813, 97.753.



This preview shows how white text looks on a background with the CIELCh color 72, 52.813, 97.753.

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

72, 52.813, 97.753

Protanopia

72, 52.676, 95.799

Deuteranopia

72, 52.229, 80.040



Tritanopia
72, 15.036, 352.853

Trichromacy



Original Color
72, 52.813, 97.753

Protanomaly
72, 52.597, 96.275

Deuteranomaly
72, 51.847, 86.675

Tritanomaly
72, 19.131, 71.938

Monochromacy



Original Color
72, 52.813, 97.753

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 20.146, 102.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 52.813, 97.753 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(193, 178, 77)` looks like.

```
.text, #text, p{  
    color:rgb(193, 178, 77)  
}
```

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(193, 178, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 178, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 52.813, 97.753 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(193, 178, 77) }
```

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

```
.border{ border-color:rgb(193, 178, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 178, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 178, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 178, 77);  
box-shadow:4px 4px 4px 4px rgb(193, 178,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 52.813, 97.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 178, 77) }
```

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

```
.background{ background-color: rgb(193,  
178, 77) }
```

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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