

Converting Colors

CIELCh(75, 61.266, 92.070)

Have a look what the booklet for
CIELCh(75, 61.266, 92.070) contains.

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Color

CIELCh(75, 61.178, 92.195)

Conversions

Conversions Part 1

Format	Color
Hex	D4B741
RGB	212, 183, 65
RGB Percent	83%, 72%, 25%
CMY	0.1684, 0.2821, 0.7449
CMYK	0.00, 0.14, 0.69, 0.17
HSL	48°, 63%, 54%
HSV	48°, 69%, 83%
XYZ	45.0694, 48.2781, 11.9528
YIQ	178.2190, 55.1620, -30.5500

Conversions

Conversions Part 2

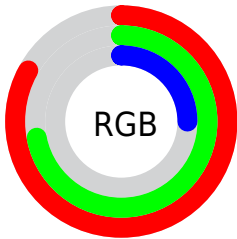
Format	Color
RYB	101, 212, 65
Decimal	13940545
CIELab	75.00, -2.34, 61.13
CIELCh	75, 61.178, 92.195
Yxy	48.2781, 0.4280, 0.4585
Android (android.graphics.Color)	4292130625 (0xFFD4B741)
YUV	178.2190, -55.8170, 29.6259
Hunter-Lab	69.4824, -5.8112, 38.4383

Details

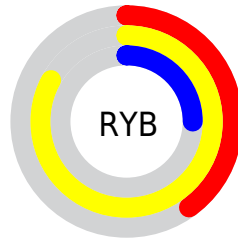
The CIELCh color **75, 61.178, 92.195** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **44, 70.078, 294.068**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 59.916, 99.070**, and **55, 60.015, 91.782** is the 20% darker color. If you saturate the color by 10%, you get **74, 67.645, 90.907**, and if you desaturate by 10%, it is **76, 53.392, 93.458**.

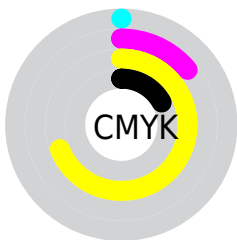
Distribution



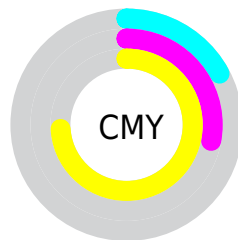
- Red (83%)
- Green (72%)
- Blue (25%)



- Red (40%)
- Yellow (83%)
- Blue (25%)



- Cyan (0%)
- Magenta (14%)
- Yellow (69%)
- Black (17%)



- Cyan (17%)
- Magenta (28%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 61.178, 92.195 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 75, 61.178, 92.195 by changing the saturation by 10% instead.

 75, 61.178, 92.195

 75, 61.178, 92.195

 100, 61.178,
92.195

 65, 61.178, 92.195

 95, 61.178, 92.195

 55, 61.178, 92.195

 45, 61.178, 92.195

 35, 61.178, 92.195

 25, 61.178, 92.195

 15, 61.178, 92.195

 5, 61.178, 92.195

 0, 61.178, 92.195

 75, 61.178, 92.195

 75, 61.178, 92.195

74, 67.645, 90.907

76, 53.392, 93.458

73, 72.100, 89.542

78, 44.842, 94.703

72, 74.261, 88.054

79, 35.896, 95.936

71, 74.385, 87.953

80, 26.773, 97.152

82, 17.603, 98.343

83, 8.457, 99.496

85, 0.625, 280.902

87, 9.624, 281.744

88, 18.061,
282.486

Harmonies

Complementary

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



75, 61.178, 92.195



44, 70.078, 294.068

Rectangle

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



75, 61.178, 92.195



75, 61.178, 142.195



75, 61.178, 272.195



75, 61.178, 322.195

Sweetspot

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



75, 61.178, 92.198



96, 22.234, 98.119



50, 61.378, 15.684



51, 15.060, 97.788



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 61.178, 92.198



87, 80.409, 90.298



80, 73.451, 118.422



44, 5.193, 99.484



59, 63.408, 88.207



14, 20.447, 91.526

Inverse Universe

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



44, 70.078, 294.068



45, 99.390, 298.404



41, 86.822, 307.344



42, 5.253, 281.708



24, 86.520, 302.379



3, 23.852, 289.111

Previews

White Background



This preview shows how the CIELCh color 75, 61.178, 92.195 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 75, 61.178, 92.195 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 75, 61.178, 92.195

Background



This preview shows how black text looks on a background with the CIELCh color 75, 61.178, 92.195.



This preview shows how white text looks on a background with the CIELCh color 75, 61.178, 92.195.

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

75, 61.178, 92.195

Protanopia

75, 60.819, 95.571

Deuteranopia

75, 61.194, 81.361



Tritanopia
75, 20.414, 359.724

Trichromacy



Original Color
75, 61.178, 92.195

Protanomaly
75, 60.676, 94.279

Deuteranomaly
75, 60.887, 85.692

Tritanomaly
75, 25.815, 64.861

Monochromacy



Original Color
75, 61.178, 92.195

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 23.484, 97.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 61.178, 92.195 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(212, 183, 65)` looks like.

```
.text, #text, p{  
    color:rgb(212, 183, 65)  
}
```

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(212, 183, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 183, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 61.178, 92.195 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(212, 183, 65) }
```

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

```
.border{ border-color:rgb(212, 183, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 183, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 183, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 183, 65);  
box-shadow:4px 4px 4px 4px rgb(212, 183,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 61.178, 92.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 183, 65) }
```

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

```
.background{ background-color: rgb(212,  
183, 65) }
```

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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