

Converting Colors

CIELCh(75, 44.796, 93.662)

Have a look what the booklet for
CIELCh(75, 44.796, 93.662) contains.

CIELCh(75, 44.762, 93.691)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 44.762, 93.691)

Conversions

Conversions Part 1

Format	Color
Hex	CEB865
RGB	206, 184, 101
RGB Percent	81%, 72%, 40%
CMY	0.1926, 0.2788, 0.6043
CMYK	0.00, 0.11, 0.51, 0.19
HSL	47°, 52%, 60%
HSV	47°, 51%, 81%
XYZ	44.8830, 48.2781, 19.2383
YIQ	181.1160, 39.7550, -21.1490

Conversions

Conversions Part 2

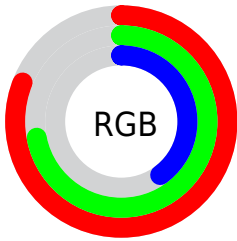
Format	Color
RYB	129, 206, 101
Decimal	13547621
CIELab	75.00, -2.88, 44.67
CIELCh	75, 44.762, 93.691
Yxy	48.2781, 0.3993, 0.4295
Android (android.graphics.Color)	4291737701 (0xFFCEB865)
YUV	181.1160, -39.4972, 21.8233
Hunter-Lab	69.4824, -6.2902, 32.2215

Details

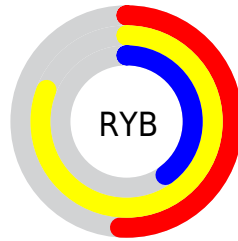
The CIELCh color **75, 44.762, 93.691** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 47.993, 288.478**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 43.880, 98.837**, and **55, 44.496, 93.787** is the 20% darker color. If you saturate the color by 10%, you get **74, 52.987, 92.424**, and if you desaturate by 10%, it is **76, 36.130, 94.948**.

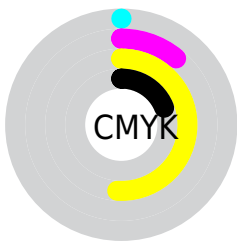
Distribution



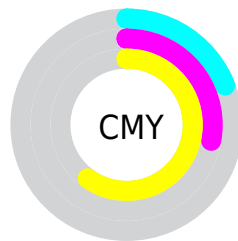
- Red (81%)
- Green (72%)
- Blue (40%)



- Red (51%)
- Yellow (81%)
- Blue (40%)



- Cyan (0%)
- Magenta (11%)
- Yellow (51%)
- Black (19%)



- Cyan (19%)
- Magenta (28%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 44.762, 93.691 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, 44.762, 93.691 by changing the saturation by 10% instead.

■ 75, 44.762, 93.691

■ 75, 44.762, 93.691

■ 100, 44.762,
93.691

■ 65, 44.762, 93.691

■ 95, 44.762, 93.691

■ 55, 44.762, 93.691

■ 45, 44.762, 93.691

■ 35, 44.762, 93.691

■ 25, 44.762, 93.691

■ 15, 44.762, 93.691

■ 5, 44.762, 93.691

■ 0, 44.762, 93.691

■ 75, 44.762, 93.691

■ 75, 44.762, 93.691

74, 52.987, 92.424

76, 36.130, 94.948

72, 60.425, 91.129

78, 27.317, 96.181

71, 66.506, 89.785

79, 18.457, 97.388

70, 70.542, 88.338

81, 9.624, 98.560

69, 72.380, 86.914

83, 0.856, 99.525

84, 7.825, 280.841

86, 16.412,
281.884

87, 19.485,
279.550

88, 17.591,
273.169

Harmonies

Complementary

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



75, 44.762, 93.691



53, 47.993, 288.478

Rectangle

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



75, 44.762, 93.691



75, 44.762, 143.691



75, 44.762, 273.691



75, 44.762, 323.691

Sweetspot

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



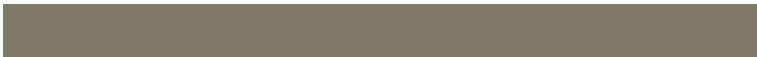
75, 44.763, 93.694



97, 15.654, 98.074



56, 44.358, 9.143



51, 10.689, 97.824



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, 44.763, 93.694



89, 62.970, 92.326



79, 55.000, 118.246



42, 4.925, 98.742



56, 61.687, 87.195



12, 17.344, 91.160

Inverse Universe

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



53, 47.993, 288.478



58, 69.552, 291.267



50, 61.752, 305.204



40, 4.978, 280.976



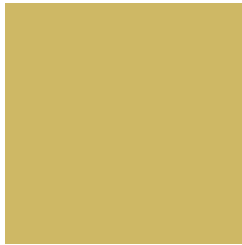
23, 83.297, 301.904



3, 20.154, 286.655

Previews

White Background



This preview shows how the CIELCh color 75, 44.762, 93.691 looks on a white background.

Color Contrast Check

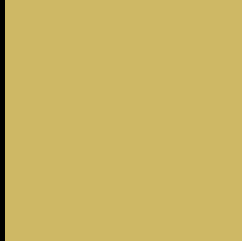
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 44.762, 93.691 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, 44.762, 93.691

Background



This preview shows how black text looks on a background with the CIELCh color 75, 44.762, 93.691.



This preview shows how white text looks on a background with the CIELCh color 75, 44.762, 93.691.

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, 44.762, 93.691

Protanopia

75, 44.842, 95.951

Deuteranopia

75, 45.090, 77.433



Tritanopia
75, 16.639, 356.103

Trichromacy



Original Color
75, 44.762, 93.691

Protanomaly
75, 44.928, 95.408

Deuteranomaly
75, 44.702, 83.271

Tritanomaly
75, 17.883, 61.255

Monochromacy



Original Color
75, 44.762, 93.691

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 16.449, 97.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 44.762, 93.691 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(206, 184, 101)` looks like.

```
.text, #text, p{  
    color:rgb(206, 184, 101)  
}
```

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(206, 184, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 184, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 44.762, 93.691 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(206, 184, 101) }
```

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

```
.border{ border-color:rgb(206, 184, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 184, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 184, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 184, 101); box-shadow:4px 4px 4px 4px rgb(206, 184, 101) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 44.762, 93.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 184, 101) }
```

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

```
.background{ background-color: rgb(206,  
184, 101) }
```

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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