

Converting Colors

CIELCh(75, 42.266, 91.999)

Have a look what the booklet for
CIELCh(75, 42.266, 91.999) contains.

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Color

CIELCh(75, 42.090, 92.027)

Conversions

Conversions Part 1

Format	Color
Hex	CFB76A
RGB	207, 183, 106
RGB Percent	81%, 72%, 42%
CMY	0.1875, 0.2816, 0.5836
CMYK	0.00, 0.12, 0.49, 0.19
HSL	46°, 51%, 61%
HSV	46°, 49%, 81%
XYZ	45.3664, 48.2781, 20.6096
YIQ	181.3980, 39.0210, -18.8590

Conversions

Conversions Part 2

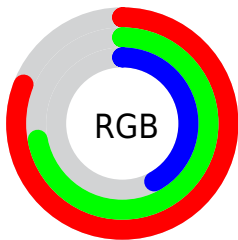
Format	Color
RYB	137, 207, 106
Decimal	13612906
CIELab	75.00, -1.49, 42.06
CIElCh	75, 42.090, 92.027
Yxy	48.2781, 0.3971, 0.4226
Android (android.graphics.Color)	4291802986 (0xFFCFB76A)
YUV	181.3980, -37.1712, 22.4530
Hunter-Lab	69.4824, -5.0483, 31.0514

Details

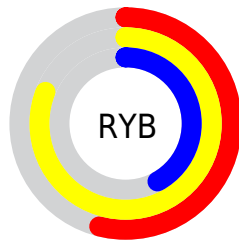
The CIELCh color **75, 42.090, 92.027** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **56, 44.296, 286.332**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 41.054, 97.992**, and **55, 42.066, 91.543** is the 20% darker color. If you saturate the color by 10%, you get **73, 50.394, 90.711**, and if you desaturate by 10%, it is **77, 33.493, 93.323**.

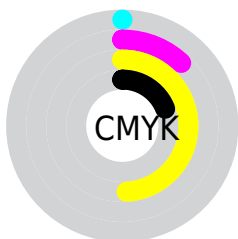
Distribution



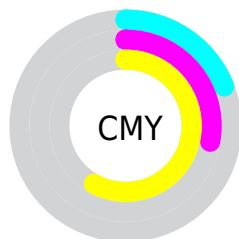
- Red (81%)
- Green (72%)
- Blue (42%)



- Red (54%)
- Yellow (81%)
- Blue (42%)



- Cyan (0%)
- Magenta (12%)
- Yellow (49%)
- Black (19%)



- Cyan (19%)
- Magenta (28%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 42.090, 92.027 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, 42.090, 92.027 by changing the saturation by 10% instead.

 75, 42.090, 92.027

 75, 42.090, 92.027

 100, 42.090,
92.027

 65, 42.090, 92.027

 95, 42.090, 92.027

 55, 42.090, 92.027

 45, 42.090, 92.027

 35, 42.090, 92.027

 25, 42.090, 92.027

 15, 42.090, 92.027

 5, 42.090, 92.027

 0, 42.090, 92.027

 75, 42.090, 92.027

 75, 42.090, 92.027

73, 50.394, 90.711

77, 33.493, 93.323

72, 58.071, 89.352

78, 24.794, 94.588

71, 64.597, 87.925

80, 16.101, 95.820

69, 69.272, 86.364

82, 7.472, 97.006

68, 71.682, 84.594

83, 1.066, 278.362

68, 71.936, 84.371

85, 9.498, 279.323

87, 17.822,
280.380

88, 17.530,
274.705

90, 15.627,
265.868

Harmonies

Complementary

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



75, 42.090, 92.027



56, 44.296, 286.332

Rectangle

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



75, 42.090, 92.027



75, 42.090, 142.027



75, 42.090, 272.027



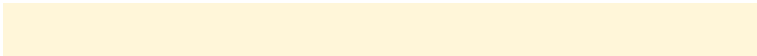
75, 42.090, 322.027

Sweetspot

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



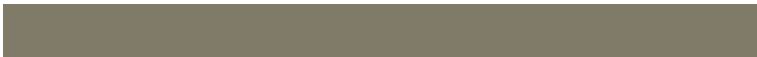
75, 42.091, 92.031



97, 15.210, 96.250



57, 42.730, 6.136



51, 10.389, 95.994



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, 42.091, 92.031



88, 59.828, 90.583



79, 52.734, 116.928



43, 4.880, 96.930



56, 61.701, 84.683



12, 18.267, 88.306

Inverse Universe

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



56, 44.296, 286.332



61, 64.534, 289.159



52, 59.119, 304.017



41, 4.922, 279.225



25, 81.539, 300.893



3, 21.420, 286.796

Previews

White Background



This preview shows how the CIELCh color 75, 42.090, 92.027 looks on a white background.

Color Contrast Check

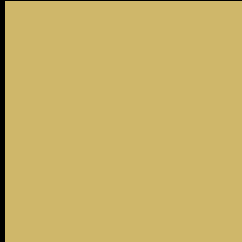
Large Text (above 18pt) WCAG AA × Fail

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, 42.090, 92.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

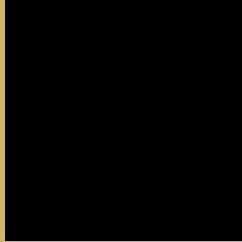
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 42.090, 92.027

Background



This preview shows how black text looks on a background with the CIELCh color 75, 42.090, 92.027.

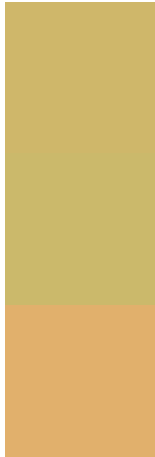


This preview shows how white text looks on a background with the CIELCh color 75, 42.090, 92.027.

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, 42.090, 92.027

Protanopia

75, 41.900, 95.604

Deuteranopia

75, 42.560, 76.659



Tritanopia
75, 16.988, 356.691

Trichromacy



Original Color
75, 42.090, 92.027

Protanomaly
75, 41.726, 93.772

Deuteranomaly
75, 42.339, 82.305

Tritanomaly
75, 17.458, 55.853

Monochromacy



Original Color
75, 42.090, 92.027

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 15.482, 95.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 42.090, 92.027 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(207, 183, 106)` looks like.

```
.text, #text, p{  
    color:rgb(207, 183, 106)  
}
```

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(207, 183, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 183, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 42.090, 92.027 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(207, 183, 106) }
```

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

```
.border{ border-color:rgb(207, 183, 106) }
```

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

Here you see how a box with a 4 pixel rgb(207, 183, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 183, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 183, 106);  
box-shadow:4px 4px 4px 4px rgb(207, 183,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 42.090, 92.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 183, 106) }
```

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

```
.background{ background-color: rgb(207,  
183, 106) }
```

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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