

Converting Colors

CIELCh(75, 49.071, 90.120)

Have a look what the booklet for
CIELCh(75, 49.071, 90.120) contains.

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Color

CIELCh(75, 49.105, 90.086)

Conversions

Conversions Part 1

Format	Color
Hex	D4B65C
RGB	212, 182, 92
RGB Percent	83%, 71%, 36%
CMY	0.1682, 0.2859, 0.6389
CMYK	0.00, 0.14, 0.57, 0.17
HSL	45°, 58%, 60%
HSV	45°, 57%, 83%
XYZ	45.8610, 48.2781, 17.0461
YIQ	180.7100, 46.7700, -21.6300

Conversions

Conversions Part 2

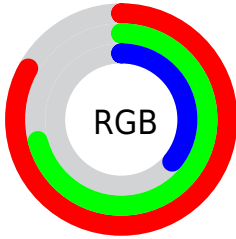
Format	Color
RYB	132, 212, 92
Decimal	13940316
CIELab	75.00, -0.07, 49.10
CIELCh	75, 49.105, 90.086
Yxy	48.2781, 0.4125, 0.4342
Android (android.graphics.Color)	4292130396 (0xFFD4B65C)
YUV	180.7100, -43.7340, 27.4413
Hunter-Lab	69.4824, -3.7776, 34.0921

Details

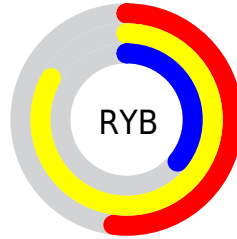
The CIELCh color **75, 49.105, 90.086** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **53, 52.157, 287.609**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 47.438, 98.069**, and **55, 48.950, 89.618** is the 20% darker color. If you saturate the color by 10%, you get **73, 57.091, 88.712**, and if you desaturate by 10%, it is **77, 40.596, 91.426**.

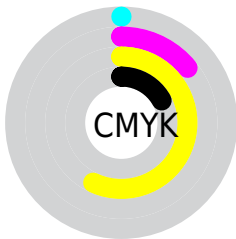
Distribution



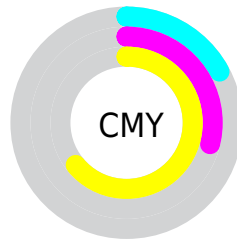
- Red (83%)
- Green (71%)
- Blue (36%)



- Red (52%)
- Yellow (83%)
- Blue (36%)



- Cyan (0%)
- Magenta (14%)
- Yellow (57%)
- Black (17%)



- Cyan (17%)
- Magenta (29%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 49.105, 90.086 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, 49.105, 90.086 by changing the saturation by 10% instead.

 75, 49.105, 90.086

 75, 49.105, 90.086

 100, 49.105,
90.086

 65, 49.105, 90.086

 95, 49.105, 90.086

 55, 49.105, 90.086

 45, 49.105, 90.086

 35, 49.105, 90.086

 25, 49.105, 90.086

 15, 49.105, 90.086

 5, 49.105, 90.086

 0, 49.105, 90.086

 75, 49.105, 90.086

 75, 49.105, 90.086

73, 57.091, 88.712

77, 40.596, 91.426

72, 64.064, 87.263

78, 31.860, 92.731

70, 69.330, 85.679

80, 23.068, 94.006

69, 72.214, 83.857

82, 14.313, 95.244

69, 72.905, 83.206

84, 5.641, 96.428

86, 2.924, 277.691

88, 11.374,
278.756

89, 16.301,
276.791

91, 14.195,
266.659

Harmonies

Complementary

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



75, 49.105, 90.086



53, 52.157, 287.609

Rectangle

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



75, 49.105, 90.086



75, 49.105, 140.086



75, 49.105, 270.086



75, 49.105, 320.086

Sweetspot

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



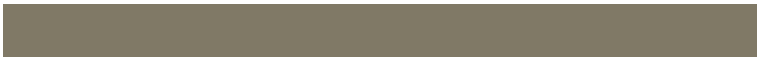
75, 49.105, 90.089



96, 17.045, 95.171



55, 50.529, 7.962



51, 11.415, 94.923



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, 49.105, 90.089



86, 67.436, 88.410



81, 61.481, 116.557



44, 4.914, 96.100



56, 62.128, 83.545



13, 19.444, 86.930

Inverse Universe

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



53, 52.157, 287.609



56, 74.168, 291.109



48, 70.619, 304.872



42, 4.952, 278.423



26, 81.253, 300.430



4, 22.886, 287.513

Previews

White Background



This preview shows how the CIELCh color 75, 49.105, 90.086 looks on a white background.

Color Contrast Check

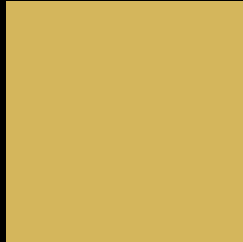
Large Text (above 18pt) WCAG AA × Fail

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, 49.105, 90.086 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, 49.105, 90.086

Background



This preview shows how black text looks on a background with the CIELCh color 75, 49.105, 90.086.



This preview shows how white text looks on a background with the CIELCh color 75, 49.105, 90.086.

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, 49.105, 90.086

Protanopia

75, 48.763, 95.788

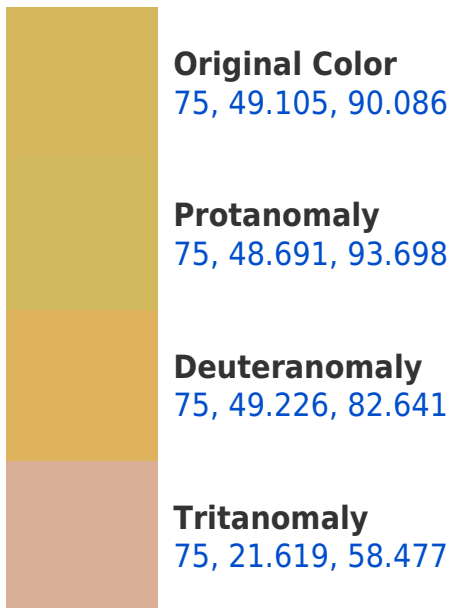
Deuteranopia

75, 49.410, 78.883



Tritanopia
75, 19.514, 0.277

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 49.105, 90.086 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, 182, 92)` looks like.

```
.text, #text, p{  
    color:rgb(212, 182, 92)  
}
```

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, 182, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 182, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 49.105, 90.086 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, 182, 92) }
```

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

```
.border{ border-color:rgb(212, 182, 92) }
```

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

Here you see how a box with a 4 pixel rgb(212, 182, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 182, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 182, 92);  
box-shadow:4px 4px 4px 4px rgb(212, 182,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 49.105, 90.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 182, 92) }
```

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

```
.background{ background-color: rgb(212,  
182, 92) }
```

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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