

Converting Colors

CIELCh(75, 51.369, 87.460)

Have a look what the booklet for
CIELCh(75, 51.369, 87.460) contains.

CIELCh(75, 51.381, 87.483)	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, 51.381, 87.483)

Conversions

Conversions Part 1

Format	Color
Hex	D9B558
RGB	217, 181, 88
RGB Percent	85%, 71%, 35%
CMY	0.1507, 0.2917, 0.6563
CMYK	0.00, 0.17, 0.60, 0.15
HSL	43°, 63%, 60%
HSV	43°, 60%, 85%
XYZ	46.6834, 48.2781, 16.0115
YIQ	181.1620, 51.3090, -21.2910

Conversions

Conversions Part 2

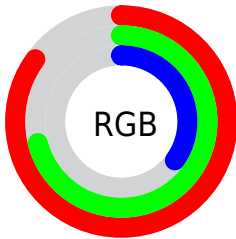
Format	Color
RYB	138, 217, 88
Decimal	14267736
CIELab	75.00, 2.26, 51.33
CIELCh	75, 51.381, 87.483
Yxy	48.2781, 0.4207, 0.4350
Android (android.graphics.Color)	4292457816 (0xFFD9B558)
YUV	181.1620, -45.9289, 31.4299
Hunter-Lab	69.4824, -1.6650, 34.9750

Details

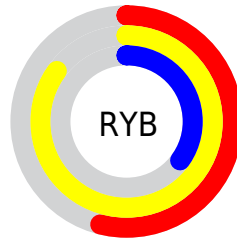
The CIELCh color **75, 51.381, 87.483** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **53, 53.867, 286.678**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 48.967, 97.683**, and **55, 51.255, 87.222** is the 20% darker color. If you saturate the color by 10%, you get **73, 59.270, 86.027**, and if you desaturate by 10%, it is **77, 42.907, 88.882**.

Distribution



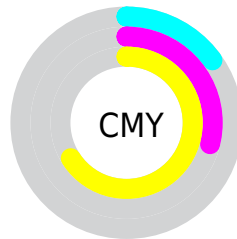
- Red (85%)
- Green (71%)
- Blue (35%)



- Red (54%)
- Yellow (85%)
- Blue (35%)



- Cyan (0%)
- Magenta (17%)
- Yellow (60%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 51.381, 87.483 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, 51.381, 87.483 by changing the saturation by 10% instead.

75, 51.381, 87.483

75, 51.381, 87.483

100, 51.381,
87.483

65, 51.381, 87.483

95, 51.381, 87.483

55, 51.381, 87.483

45, 51.381, 87.483

35, 51.381, 87.483

25, 51.381, 87.483

15, 51.381, 87.483

5, 51.381, 87.483

0, 51.381, 87.483

75, 51.381, 87.483

75, 51.381, 87.483

73, 59.270, 86.027

77, 42.907, 88.882

72, 66.013, 84.454

79, 34.189, 90.236

70, 70.845, 82.668

81, 25.419, 91.554

68, 73.381, 80.580

83, 16.702, 92.834

68, 73.486, 80.483

85, 8.087, 94.065

87, 0.400, 275.835

89, 8.754, 276.471

91, 14.044,
274.129

92, 11.910,
259.809

Harmonies

Complementary

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



75, 51.381, 87.483



53, 53.867, 286.678

Rectangle

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



75, 51.381, 87.483



75, 51.381, 137.483



75, 51.381, 267.483



75, 51.381, 317.483

Sweetspot

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



75, 51.381, 87.486



96, 17.550, 93.006



55, 54.089, 6.189



50, 12.222, 92.636



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, 51.381, 87.486



85, 68.798, 85.706



82, 64.979, 114.947



44, 4.770, 94.079



55, 61.638, 80.903



13, 18.952, 84.191

Inverse Universe

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



53, 53.867, 286.678



55, 74.620, 290.382



46, 75.833, 304.366



42, 4.794, 276.456



27, 78.145, 299.169



4, 22.324, 286.506

Previews

White Background



This preview shows how the CIELCh color 75, 51.381, 87.483 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, 51.381, 87.483 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, 51.381, 87.483

Background



This preview shows how black text looks on a background with the CIELCh color 75, 51.381, 87.483.



This preview shows how white text looks on a background with the CIELCh color 75, 51.381, 87.483.

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, 51.381, 87.483

Protanopia

75, 50.721, 95.448

Deuteranopia

75, 51.870, 79.345



Tritanopia
75, 22.116, 3.127

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 51.381, 87.483 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(217, 181, 88)` looks like.

```
.text, #text, p{  
    color:rgb(217, 181, 88)  
}
```

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(217, 181, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 181, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 51.381, 87.483 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(217, 181, 88) }
```

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

```
.border{ border-color:rgb(217, 181, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 181, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 181, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 181, 88);  
box-shadow:4px 4px 4px 4px rgb(217, 181,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 51.381, 87.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 181, 88) }
```

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

```
.background{ background-color: rgb(217,  
181, 88) }
```

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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