

Converting Colors

CIELCh(75, 49.221, 157.582)

Have a look what the booklet for
CIELCh(75, 49.221, 157.582)
contains.

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Color

CIELCh(75, 49.112, 157.424)

Conversions

Conversions Part 1

Format	Color
Hex	5CCD94
RGB	92, 205, 148
RGB Percent	36%, 80%, 58%
CMY	0.6377, 0.1947, 0.4183
CMYK	0.55, 0.00, 0.28, 0.19
HSL	150°, 53%, 58%
HSV	150°, 55%, 81%
XYZ	31.7405, 48.2781, 35.8017
YIQ	164.7150, -49.0510, -41.6830

Conversions

Conversions Part 2

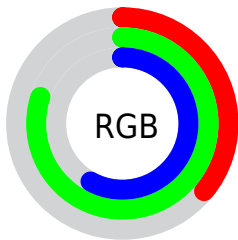
Format	Color
RYB	92, 168, 205
Decimal	6081940
CIELab	75.00, -45.35, 18.85
CIELCh	75, 49.112, 157.424
Yxy	48.2781, 0.2740, 0.4168
Android (android.graphics.Color)	4284272020 (0xFF5CCD94)
YUV	164.7150, -8.2405, -63.7711
Hunter-Lab	69.4824, -40.0530, 18.0878

Details

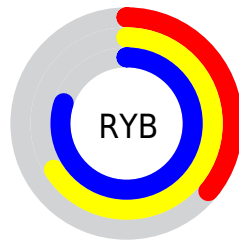
The CIELCh color **75, 49.112, 157.424** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **55, 51.808, 349.497**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 44.900, 159.250**, and **55, 49.173, 157.321** is the 20% darker color. If you saturate the color by 10%, you get **74, 56.582, 155.835**, and if you desaturate by 10%, it is **76, 40.968, 158.824**.

Distribution



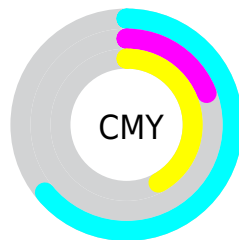
- Red (36%)
- Green (80%)
- Blue (58%)



- Red (36%)
- Yellow (66%)
- Blue (80%)



- Cyan (55%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)




- Cyan (64%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 49.112, 157.424 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, 49.112, 157.424 by changing the saturation by 10% instead.

 75, 49.112,
157.424

 75, 49.112,
157.424


 100, 49.112,
157.424


 65, 49.112,
157.424


 95, 49.112,
157.424


 55, 49.112,
157.424

 45, 49.112,
157.424

 35, 49.112,
157.424

 25, 49.112,
157.424

 15, 49.112,
157.424

 5, 49.112, 157.424

0, 49.112, 157.424

75, 49.112,
157.424

75, 49.112,
157.424

74, 56.582,
155.835

76, 40.968,
158.824

74, 63.255,
154.039

77, 32.298,
160.060

73, 69.066,
152.031

78, 23.261,
161.158

73, 74.028,
149.831

80, 14.010,
162.143

73, 76.291,
148.730

82, 4.673, 163.077

83, 4.639, 343.692

85, 13.844,

344.475

■ 87, 22.397,
344.171

■ 88, 25.832,
334.402

Harmonies

Complementary

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



75, 49.112, 157.424



55, 51.808, 349.497

Rectangle

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



75, 49.112, 157.424



75, 49.112, 207.424



75, 49.112, 337.424



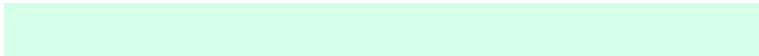
75, 49.112, 27.424

Sweetspot

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



75, 49.113, 157.424



97, 18.900, 161.935



77, 61.640, 125.985



51, 12.635, 161.738



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, 49.113, 157.424



90, 68.109, 155.524



76, 33.497, 195.243



42, 5.263, 162.664



60, 64.548, 149.110



12, 21.407, 155.100

Inverse Universe

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



55, 51.808, 349.497



63, 71.419, 351.670



54, 49.637, 25.055



40, 5.328, 344.130



35, 61.480, 1.174



4, 19.967, 353.234

Previews

White Background



This preview shows how the CIE LCh color 75, 49.112, 157.424 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, 49.112, 157.424 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, 49.112, 157.424

Background



This preview shows how black text looks on a background with the CIELCh color 75, 49.112, 157.424.

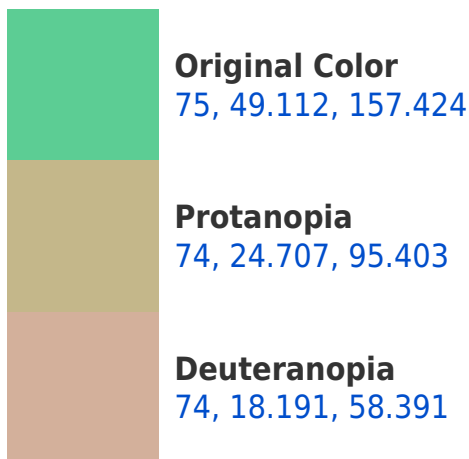


This preview shows how white text looks on a background with the CIELCh color 75, 49.112, 157.424.

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





Tritanopia
75, 27.038, 216.449

Trichromacy



Original Color
75, 49.112, 157.424



Protanomaly
74, 29.272, 133.718



Deuteranomaly
74, 19.752, 130.308



Tritanomaly
75, 31.212, 186.011

Monochromacy



Original Color
75, 49.112, 157.424



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 19.158, 161.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 49.112, 157.424 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(92, 205, 148)` looks like.

```
.text, #text, p{  
    color:rgb(92, 205, 148)  
}
```

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(92, 205, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 205, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 49.112, 157.424 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(92, 205, 148) }
```

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

```
.border{ border-color:rgb(92, 205, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 205, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 205, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 205, 148);  
box-shadow:4px 4px 4px 4px rgb(92, 205,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 49.112, 157.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 205, 148) }
```

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

```
.background{ background-color: rgb(92, 205,  
148) }
```

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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