

Converting Colors

CIELCh(75, 51.292, 152.529)

Have a look what the booklet for
CIELCh(75, 51.292, 152.529)
contains.

CIELCh(75, 51.282, 152.428)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 51.282, 152.428)

Conversions

Conversions Part 1

Format	Color
Hex	63CD8B
RGB	99, 205, 139
RGB Percent	39%, 80%, 55%
CMY	0.6111, 0.1954, 0.4543
CMYK	0.52, 0.00, 0.32, 0.20
HSL	143°, 52%, 60%
HSV	143°, 52%, 80%
XYZ	31.7105, 48.2781, 32.1360
YIQ	165.7820, -41.9900, -42.9980

Conversions

Conversions Part 2

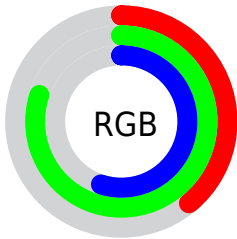
Format	Color
RYB	99, 176, 205
Decimal	6540683
CIELab	75.00, -45.46, 23.74
CIElCh	75, 51.282, 152.428
Yxy	48.2781, 0.2828, 0.4306
Android (android.graphics.Color)	4284730763 (0xFF63CD8B)
YUV	165.7820, -13.2035, -58.5678
Hunter-Lab	69.4824, -40.1301, 21.2158

Details

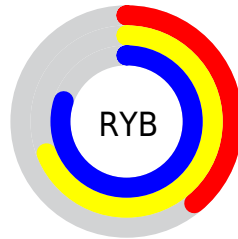
The CIELCh color **75, 51.282, 152.428** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **57, 52.328, 342.195**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 46.871, 153.854**, and **55, 51.473, 152.168** is the 20% darker color. If you saturate the color by 10%, you get **74, 59.985, 150.948**, and if you desaturate by 10%, it is **76, 41.942, 153.723**.

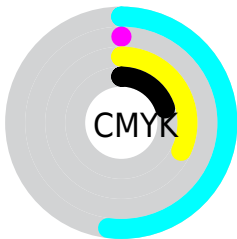
Distribution



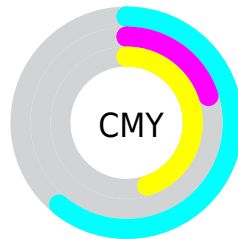
- Red (39%)
- Green (80%)
- Blue (55%)



- Red (39%)
- Yellow (69%)
- Blue (80%)



- Cyan (52%)
- Magenta (0%)
- Yellow (32%)
- Black (20%)





- Cyan (61%)
- Magenta (20%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 51.282, 152.428 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, 51.282, 152.428 by changing the saturation by 10% instead.


 75, 51.282,
152.428


 75, 51.282,
152.428


 100, 51.282,
152.428


 65, 51.282,
152.428


 95, 51.282,
152.428

 55, 51.282,
152.428

 45, 51.282,
152.428

 35, 51.282,
152.428

 25, 51.282,
152.428

 15, 51.282,
152.428

 5, 51.282, 152.428

0, 51.282, 152.428

75, 51.282,
152.428

75, 51.282,
152.428

74, 59.985,
150.948

76, 41.942,
153.723

73, 67.881,
149.268

77, 32.143,
154.855

73, 74.845,
147.392

79, 22.065,
155.848

73, 80.818,
145.345

80, 11.866,
156.730

72, 85.128,
143.607

82, 1.677, 157.687

84, 8.400, 338.106

86, 18.289,

338.743

■ 88, 25.861,
334.556

■ 88, 30.892,
325.966

Harmonies

Complementary

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



75, 51.282, 152.428



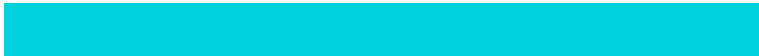
57, 52.328, 342.195

Rectangle

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



75, 51.282, 152.428



75, 51.282, 202.428



75, 51.282, 332.428



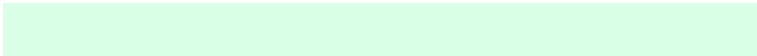
75, 51.282, 22.428

Sweetspot

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



75, 51.283, 152.428



97, 18.224, 156.429



78, 56.480, 121.657



51, 12.437, 156.242



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, 51.283, 152.428



90, 71.759, 150.769



76, 34.133, 183.931



42, 5.740, 156.920



59, 72.069, 143.962



12, 23.456, 150.691

Inverse Universe

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



57, 52.328, 342.195



65, 72.492, 343.607



55, 44.969, 15.645



40, 5.782, 338.239



36, 64.079, 350.711



4, 21.448, 345.659

Previews

White Background



This preview shows how the CIELCh color 75, 51.282, 152.428 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, 51.282, 152.428 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, 51.282, 152.428

Background



This preview shows how black text looks on a background with the CIELCh color 75, 51.282, 152.428.

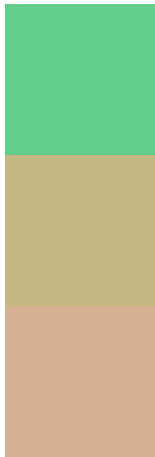


This preview shows how white text looks on a background with the CIELCh color 75, 51.282, 152.428.

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, 51.282, 152.428

Protanopia
74, 29.034, 95.049

Deuteranopia
74, 22.637, 65.214



Tritanopia
75, 25.215, 217.994

Trichromacy



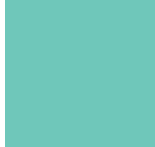
Original Color
75, 51.282, 152.428



Protanomaly
74, 32.998, 127.666



Deuteranomaly
74, 23.805, 122.399



Tritanomaly
75, 29.683, 183.389

Monochromacy



Original Color
75, 51.282, 152.428



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 19.463, 155.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 51.282, 152.428 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(99, 205, 139)` looks like.

```
.text, #text, p{  
    color:rgb(99, 205, 139)  
}
```

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(99, 205, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 205, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 51.282, 152.428 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(99, 205, 139) }
```

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

```
.border{ border-color:rgb(99, 205, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 205, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 205, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 205, 139);  
box-shadow:4px 4px 4px 4px rgb(99, 205,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 51.282, 152.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 205, 139) }
```

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

```
.background{ background-color: rgb(99, 205,  
139) }
```

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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