

Converting Colors

CIELCh(75, 60.837, 154.980)

Have a look what the booklet for
CIELCh(75, 60.837, 154.980)
contains.

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Color

CIELCh(75, 61.010, 154.960)

Conversions

Conversions Part 1

Format	Color
Hex	3ED187
RGB	62, 209, 135
RGB Percent	24%, 82%, 53%
CMY	0.7577, 0.1811, 0.4712
CMYK	0.70, 0.00, 0.35, 0.18
HSL	150°, 61%, 53%
HSV	150°, 70%, 82%
XYZ	29.0928, 48.2781, 30.6493
YIQ	156.6110, -63.8580, -54.1780

Conversions

Conversions Part 2

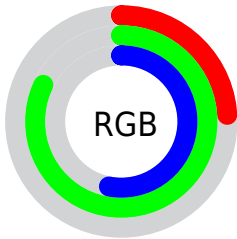
Format	Color
RYB	62, 160, 209
Decimal	4116871
CIELab	75.00, -55.28, 25.82
CIELCh	75, 61.010, 154.960
Yxy	48.2781, 0.2693, 0.4469
Android (android.graphics.Color)	4282306951 (0xFF3ED187)
YUV	156.6110, -10.6542, -82.9738
Hunter-Lab	69.4824, -46.8552, 22.4844

Details

The CIELCh color **75, 61.010, 154.960** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **50, 63.718, 352.576**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 54.396, 157.481**, and **56, 56.897, 152.484** is the 20% darker color. If you saturate the color by 10%, you get **74, 67.286, 153.045**, and if you desaturate by 10%, it is **76, 53.883, 156.662**.

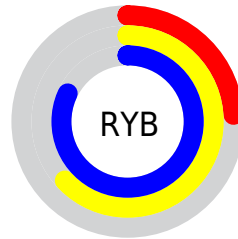
Distribution



Red (24%)

Green (82%)

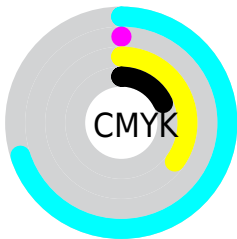
Blue (53%)



Red (24%)

Yellow (63%)

Blue (82%)

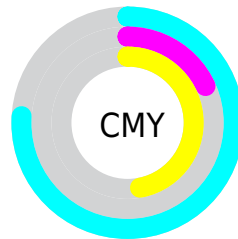


Cyan (70%)

Magenta (0%)

Yellow (35%)

Black (18%)



Cyan (76%)


Magenta (18%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 61.010, 154.960 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, 61.010, 154.960 by changing the saturation by 10% instead.


 75, 61.010,
154.960


 75, 61.010,
154.960


 100, 61.010,
154.960


 65, 61.010,
154.960


 95, 61.010,
154.960

 55, 61.010,
154.960

 45, 61.010,
154.960

 35, 61.010,
154.960

 25, 61.010,
154.960

 15, 61.010,
154.960

 5, 61.010, 154.960

0, 61.010, 154.960

75, 61.010,
154.960

75, 61.010,
154.960

74, 67.286,
153.045

76, 53.883,
156.662

74, 72.684,
150.924

77, 45.997,
158.165

74, 77.168,
148.784

78, 37.492,
159.489

79, 28.528,
160.661

80, 19.263,
161.705

82, 9.842, 162.654

■ 84, 0.388, 164.527

■ 86, 9.001, 344.164

■ 88, 18.251,
344.885

Harmonies

Complementary

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



75, 61.010, 154.960



50, 63.718, 352.576

Rectangle

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



75, 61.010, 154.960



75, 61.010, 204.960



75, 61.010, 334.960



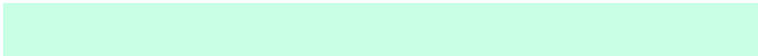
75, 61.010, 24.960

Sweetspot

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



75, 61.011, 154.960



96, 23.290, 161.624



77, 77.019, 125.719



51, 15.743, 161.341



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, 61.011, 154.960



89, 81.837, 151.889



77, 39.297, 194.683



43, 5.365, 162.747



61, 65.211, 149.161



13, 22.419, 154.605

Inverse Universe

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



50, 63.718, 352.576



57, 82.115, 356.821



49, 66.006, 29.509



41, 5.432, 344.220



36, 62.151, 1.381



5, 21.844, 353.743

Previews

White Background



This preview shows how the CIELCh color 75, 61.010, 154.960 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, 61.010, 154.960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

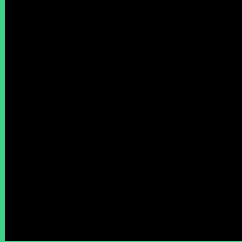
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 61.010, 154.960

Background



This preview shows how black text looks on a background with the CIELCh color 75, 61.010, 154.960.

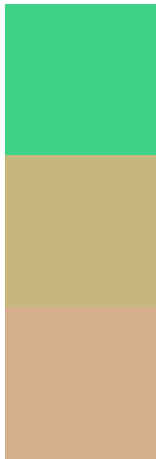


This preview shows how white text looks on a background with the CIELCh color 75, 61.010, 154.960.

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, 61.010, 154.960

Protanopia
74, 32.119, 95.846

Deuteranopia
74, 24.323, 68.326



Tritanopia
75, 31.161, 213.601

Trichromacy



Original Color
75, 61.010, 154.960



Protanomaly
73, 38.293, 133.747



Deuteranomaly
73, 28.682, 131.049



Tritanomaly
75, 37.776, 182.449

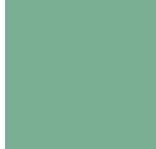
Monochromacy



Original Color
75, 61.010, 154.960



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 24.732, 160.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 61.010, 154.960 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(62, 209, 135)` looks like.

```
.text, #text, p{  
    color:rgb(62, 209, 135)  
}
```

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(62, 209, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 209, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 61.010, 154.960 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(62, 209, 135) }
```

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

```
.border{ border-color:rgb(62, 209, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 209, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 209, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 209, 135);  
box-shadow:4px 4px 4px 4px rgb(62, 209,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 61.010, 154.960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 209, 135) }
```

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

```
.background{ background-color: rgb(62, 209,  
135) }
```

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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