

Converting Colors

CIELCh(76, 63.474, 144.824)

Have a look what the booklet for
CIELCh(76, 63.474, 144.824)
contains.

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Color

CIELCh(76, 63.331, 144.830)

Conversions

Conversions Part 1

Format	Color
Hex	61D275
RGB	97, 210, 117
RGB Percent	38%, 82%, 46%
CMY	0.6198, 0.1767, 0.5414
CMYK	0.54, 0.00, 0.44, 0.18
HSL	131°, 56%, 60%
HSV	131°, 54%, 82%
XYZ	31.1646, 49.8872, 24.8006
YIQ	165.6110, -37.4950, -52.8790

Conversions

Conversions Part 2

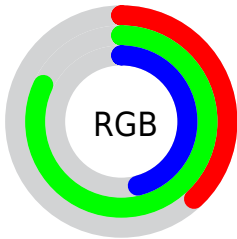
Format	Color
RYB	97, 193, 210
Decimal	6410869
CIELab	76.00, -51.77, 36.48
CIELCh	76, 63.331, 144.830
Yxy	49.8872, 0.2944, 0.4713
Android (android.graphics.Color)	4284600949 (0xFF61D275)
YUV	165.6110, -23.9652, -60.1718
Hunter-Lab	70.6309, -44.8441, 28.6231

Details

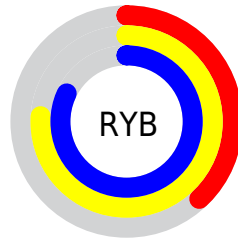
The CIELCh color **76, 63.331, 144.830** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **58, 62.903, 333.223**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 56.120, 145.664**, and **56, 62.929, 144.961** is the 20% darker color. If you saturate the color by 10%, you get **75, 73.476, 143.452**, and if you desaturate by 10%, it is **77, 52.312, 146.054**.

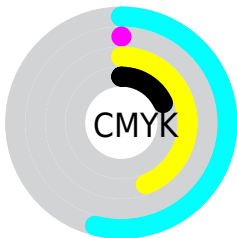
Distribution



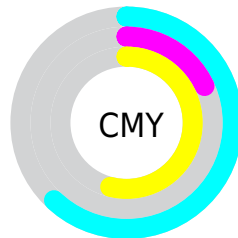
- Red (38%)
- Green (82%)
- Blue (46%)



- Red (38%)
- Yellow (76%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (44%)
- Black (18%)





- Cyan (62%)
- Magenta (18%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 63.331, 144.830 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 76, 63.331, 144.830 by changing the saturation by 10% instead.


 76, 63.331,
144.830


 76, 63.331,
144.830


 100, 63.331,
144.830


 66, 63.331,
144.830


 96, 63.331,
144.830

 56, 63.331,
144.830

 46, 63.331,
144.830

 36, 63.331,
144.830

 26, 63.331,
144.830

 16, 63.331,
144.830

 6, 63.331, 144.830

■ 0, 63.331, 144.830

■ 76, 63.331,
144.830

■ 76, 63.331,
144.830

■ 75, 73.476,
143.452

■ 77, 52.312,
146.054

■ 75, 82.459,
141.943

■ 78, 40.694,
147.121

■ 74, 90.006,
140.362

■ 80, 28.729,
148.044

■ 74, 95.883,
138.808

■ 82, 16.630,
148.843

■ 74, 98.675,
137.971

■ 83, 4.567, 149.573

■ 85, 7.332, 330.048

■ 88, 18.975,

330.582

89, 28.240,
325.408

Harmonies

Complementary

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



76, 63.331, 144.830



58, 62.903, 333.223

Rectangle

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



76, 63.331, 144.830



76, 63.331, 194.830



76, 63.331, 324.830



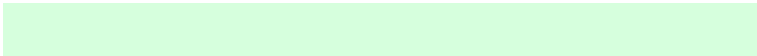
76, 63.331, 14.830

Sweetspot

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



76, 63.332, 144.830



96, 22.558, 148.665



81, 57.621, 112.955



51, 15.240, 148.502



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 63.332, 144.830



89, 87.173, 143.174



77, 42.147, 167.699



43, 6.786, 149.165



60, 83.221, 138.211



13, 27.900, 145.120

Inverse Universe

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



58, 62.903, 333.223



65, 85.234, 334.062



56, 48.400, 1.039



41, 6.806, 330.284



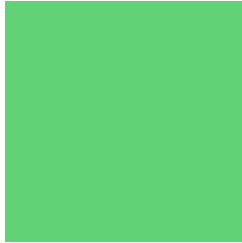
38, 73.822, 336.720



5, 27.138, 334.585

Previews

White Background



This preview shows how the CIELCh color 76, 63.331, 144.830 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 76, 63.331, 144.830 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 76, 63.331, 144.830

Background



This preview shows how black text looks on a background with the CIELCh color 76, 63.331, 144.830.

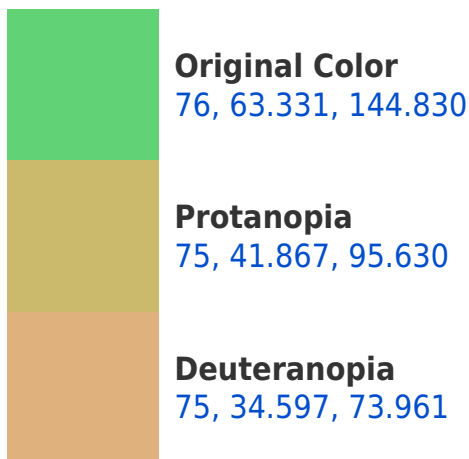


This preview shows how white text looks on a background with the CIELCh color 76, 63.331, 144.830.

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
76, 25.220, 217.943

Trichromacy



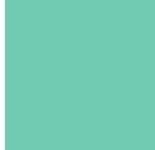
Original Color
76, 63.331, 144.830



Protanomaly
75, 45.615, 121.663



Deuteranomaly
75, 36.336, 115.189



Tritanomaly
76, 33.127, 173.886

Monochromacy



Original Color
76, 63.331, 144.830



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 24.294, 147.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 63.331, 144.830 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(97, 210, 117)` looks like.

```
.text, #text, p{  
    color:rgb(97, 210, 117)  
}
```

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(97, 210, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 210, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 63.331, 144.830 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(97, 210, 117) }
```

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

```
.border{ border-color:rgb(97, 210, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 210, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 210, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 210, 117);  
box-shadow:4px 4px 4px 4px rgb(97, 210,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 63.331, 144.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 210, 117) }
```

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

```
.background{ background-color: rgb(97, 210,  
117) }
```

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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