

Converting Colors

CIELCh(76, 56.821, 144.782)

Have a look what the booklet for
CIELCh(76, 56.821, 144.782)
contains.

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Color

CIELCh(76, 56.982, 144.612)

Conversions

Conversions Part 1

Format	Color
Hex	6ED07C
RGB	110, 208, 124
RGB Percent	43%, 82%, 49%
CMY	0.5686, 0.1843, 0.5137
CMYK	0.47, 0.00, 0.40, 0.18
HSL	129°, 51%, 62%
HSV	129°, 47%, 82%
XYZ	32.6283, 49.8872, 26.9815
YIQ	169.1220, -31.4440, -46.9000

Conversions

Conversions Part 2

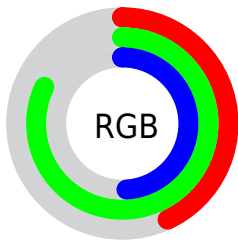
Format	Color
RYB	110, 196, 208
Decimal	7262332
CIELab	76.00, -46.45, 33.00
CIELCh	76, 56.982, 144.612
Yxy	49.8872, 0.2980, 0.4556
Android (android.graphics.Color)	4285452412 (0xFF6ED07C)
YUV	169.1220, -22.2451, -51.8500
Hunter-Lab	70.6309, -41.1451, 26.7925

Details

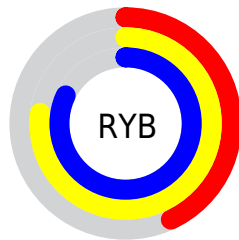
The CIELCh color **76, 56.982, 144.612** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **60, 56.799, 331.498**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 50.853, 145.046**, and **56, 56.933, 144.625** is the 20% darker color. If you saturate the color by 10%, you get **75, 67.905, 143.364**, and if you desaturate by 10%, it is **77, 45.341, 145.711**.

Distribution



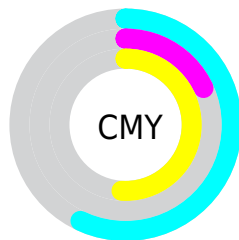
- Red (43%)
- Green (82%)
- Blue (49%)



- Red (43%)
- Yellow (77%)
- Blue (82%)



- Cyan (47%)
- Magenta (0%)
- Yellow (40%)
- Black (18%)





- Cyan (57%)
- Magenta (18%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 56.982, 144.612 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, 56.982, 144.612 by changing the saturation by 10% instead.


 76, 56.982,
144.612


 76, 56.982,
144.612


 100, 56.982,
144.612


 66, 56.982,
144.612


 96, 56.982,
144.612

 56, 56.982,
144.612

 46, 56.982,
144.612

 36, 56.982,
144.612

 26, 56.982,
144.612

 16, 56.982,
144.612

 6, 56.982, 144.612

■ 0, 56.982, 144.612

■ 76, 56.982,
144.612

■ 76, 56.982,
144.612

■ 75, 67.905,
143.364

■ 77, 45.341,
145.711

■ 74, 77.798,
141.983

■ 79, 33.257,
146.665

■ 74, 86.344,
140.514

■ 80, 20.969,
147.488

■ 73, 93.233,
139.043

■ 82, 8.668, 148.210

■ 73, 98.224,
137.704

■ 84, 3.500, 328.690

■ 73, 99.342,
137.400

■ 86, 15.430,
329.274

■ 89, 26.922,

329.346

■ 89, 29.458,
325.450

Harmonies

Complementary

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



76, 56.982, 144.612



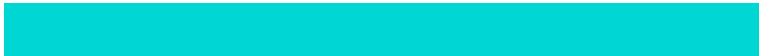
60, 56.799, 331.498

Rectangle

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



76, 56.982, 144.612



76, 56.982, 194.612



76, 56.982, 324.612



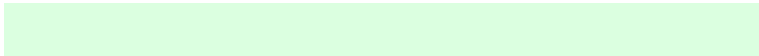
76, 56.982, 14.612

Sweetspot

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



76, 56.983, 144.612



97, 20.213, 147.709



81, 50.474, 111.857



51, 13.967, 147.546



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, 56.983, 144.612



90, 79.853, 143.291



77, 38.382, 166.445



43, 6.955, 148.049



60, 84.445, 137.600



13, 28.403, 144.489

Inverse Universe

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



60, 56.799, 331.498



68, 78.900, 332.159



59, 42.675, 357.322



41, 6.971, 329.143



39, 75.763, 334.822



5, 27.872, 333.083

Previews

White Background



This preview shows how the CIELCh color 76, 56.982, 144.612 looks on a white background.

Color Contrast Check

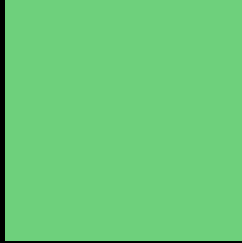
Large Text (above 18pt) WCAG AA × Fail

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, 56.982, 144.612 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, 56.982, 144.612

Background



This preview shows how black text looks on a background with the CIELCh color 76, 56.982, 144.612.

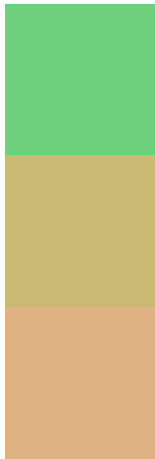


This preview shows how white text looks on a background with the CIELCh color 76, 56.982, 144.612.

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](#).

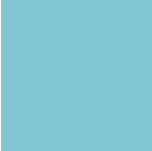
Dichromacy



Original Color
76, 56.982, 144.612

Protanopia
75, 38.293, 95.720

Deuteranopia
75, 31.620, 71.952



Tritanopia
76, 22.566, 220.633

Trichromacy



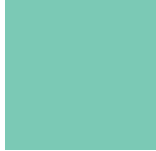
Original Color
76, 56.982, 144.612



Protanomaly
75, 41.231, 120.730



Deuteranomaly
75, 32.521, 112.852

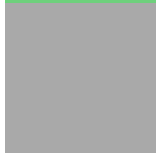


Tritanomaly
76, 28.768, 175.160

Monochromacy



Original Color
76, 56.982, 144.612



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 21.126, 147.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 56.982, 144.612 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(110, 208, 124)` looks like.

```
.text, #text, p{  
    color:rgb(110, 208, 124)  
}
```

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(110, 208, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 208, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 56.982, 144.612 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(110, 208, 124) }
```

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

```
.border{ border-color:rgb(110, 208, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 208, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 208, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 208, 124);  
box-shadow:4px 4px 4px 4px rgb(110, 208,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 56.982, 144.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 208, 124) }
```

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

```
.background{ background-color: rgb(110,  
208, 124) }
```

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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