

Converting Colors

CIELCh(73, 46.590, 157.070)

Have a look what the booklet for
CIELCh(73, 46.590, 157.070)
contains.

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Color

CIELCh(73, 46.914, 156.813)

Conversions

Conversions Part 1

Format	Color
Hex	5EC790
RGB	94, 199, 144
RGB Percent	37%, 78%, 56%
CMY	0.6319, 0.2201, 0.4358
CMYK	0.53, 0.00, 0.28, 0.22
HSL	149°, 48%, 57%
HSV	149°, 53%, 78%
XYZ	30.0169, 45.1644, 33.4693
YIQ	161.3350, -44.9250, -39.3650

Conversions

Conversions Part 2

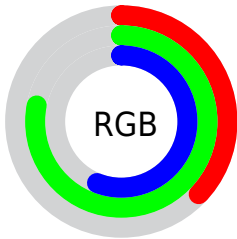
Format	Color
RYB	94, 165, 199
Decimal	6211472
CIELab	73.00, -43.12, 18.47
CIELCh	73, 46.914, 156.813
Yxy	45.1644, 0.2763, 0.4157
Android (android.graphics.Color)	4284401552 (0xFF5EC790)
YUV	161.3350, -8.5462, -59.0528
Hunter-Lab	67.2044, -37.8808, 17.5154

Details

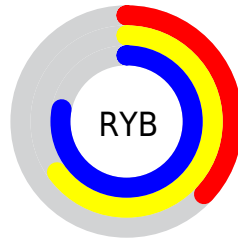
The CIELCh color **73, 46.914, 156.813** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **54, 49.153, 347.960**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 46.114, 157.151**, and **53, 46.917, 156.707** is the 20% darker color. If you saturate the color by 10%, you get **72, 54.516, 155.277**, and if you desaturate by 10%, it is **74, 38.689, 158.164**.

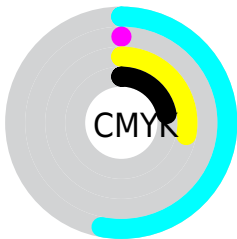
Distribution



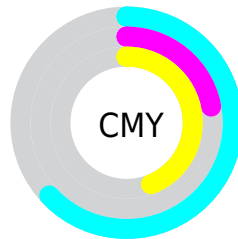
- Red (37%)
- Green (78%)
- Blue (56%)



- Red (37%)
- Yellow (65%)
- Blue (78%)



- Cyan (53%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)





- Cyan (63%)
- Magenta (22%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 46.914, 156.813 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 73, 46.914, 156.813 by changing the saturation by 10% instead.


 73, 46.914,
156.813


 73, 46.914,
156.813


 100, 46.914,
156.813


 63, 46.914,
156.813


 93, 46.914,
156.813

 53, 46.914,
156.813

 43, 46.914,
156.813

 33, 46.914,
156.813

 23, 46.914,
156.813

 13, 46.914,
156.813

 3, 46.914, 156.813

■ 0, 46.914, 156.813

■ 73, 46.914,
156.813

■ 73, 46.914,
156.813

■ 72, 54.516,
155.277

■ 74, 38.689,
158.164

■ 72, 61.363,
153.539

■ 75, 29.993,
159.357

■ 71, 67.373,
151.589

■ 77, 20.982,
160.415

■ 71, 72.532,
149.444

■ 78, 11.801,
161.366

■ 71, 75.839,
147.860

■ 80, 2.574, 162.328

■ 82, 6.601, 342.875

■ 84, 15.647,

343.604

■ 86, 24.509,
344.250

■ 86, 28.425,
336.269

Harmonies

Complementary

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



73, 46.914, 156.813



54, 49.153, 347.960

Rectangle

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



73, 46.914, 156.813



73, 46.914, 206.813



73, 46.914, 336.813



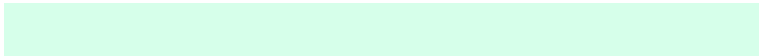
73, 46.914, 26.813

Sweetspot

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



73, 46.915, 156.813



97, 18.045, 161.049



75, 57.596, 125.458



51, 12.179, 160.852



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 46.915, 156.813



90, 66.718, 155.092



74, 31.968, 193.607



41, 5.226, 161.676



59, 65.005, 148.217



11, 20.430, 154.917

Inverse Universe

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



54, 49.153, 347.960



64, 69.582, 349.810



53, 45.902, 23.318



39, 5.286, 343.114



35, 61.037, 359.355



4, 18.099, 351.531

Previews

White Background



This preview shows how the CIELCh color 73, 46.914, 156.813 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 73, 46.914, 156.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

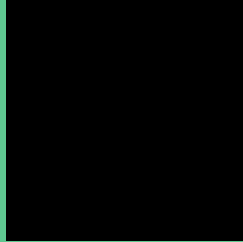
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 46.914, 156.813

Background



This preview shows how black text looks on a background with the CIELCh color 73, 46.914, 156.813.

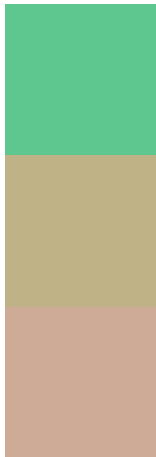


This preview shows how white text looks on a background with the CIELCh color 73, 46.914, 156.813.

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
73, 46.914, 156.813

Protanopia
73, 24.309, 95.117

Deuteranopia
72, 17.985, 59.140



Tritanopia
73, 25.574, 216.432

Trichromacy



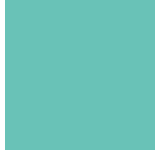
Original Color
73, 46.914, 156.813



Protanomaly
72, 28.416, 132.159



Deuteranomaly
72, 18.937, 127.715



Tritanomaly
73, 29.536, 185.388

Monochromacy



Original Color
73, 46.914, 156.813



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 18.051, 160.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 46.914, 156.813 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(94, 199, 144)` looks like.

```
.text, #text, p{  
    color:rgb(94, 199, 144)  
}
```

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(94, 199, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 199, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 46.914, 156.813 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(94, 199, 144) }
```

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

```
.border{ border-color:rgb(94, 199, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 199, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 199, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 199, 144);  
box-shadow:4px 4px 4px 4px rgb(94, 199,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 46.914, 156.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 199, 144) }
```

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

```
.background{ background-color: rgb(94, 199,  
144) }
```

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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