

Converting Colors

CIELCh(79, 50.522, 151.242)

Have a look what the booklet for
CIELCh(79, 50.522, 151.242)
contains.

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Color

CIELCh(79, 50.378, 151.392)

Conversions

Conversions Part 1

Format	Color
Hex	73D895
RGB	115, 216, 149
RGB Percent	45%, 85%, 58%
CMY	0.5490, 0.1529, 0.4157
CMYK	0.47, 0.00, 0.31, 0.15
HSL	140°, 56%, 65%
HSV	140°, 47%, 85%
XYZ	37.0525, 54.9284, 37.0845
YIQ	178.1630, -38.6890, -42.2490

Conversions

Conversions Part 2

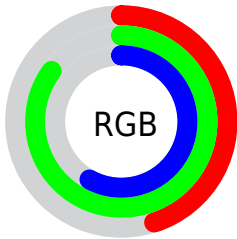
Format	Color
RYB	115, 191, 216
Decimal	7592085
CIELab	79.00, -44.23, 24.12
CIElCh	79, 50.378, 151.392
Yxy	54.9284, 0.2871, 0.4256
Android (android.graphics.Color)	4285782165 (0xFF73D895)
YUV	178.1630, -14.3774, -55.3940
Hunter-Lab	74.1137, -40.4595, 22.2125

Details

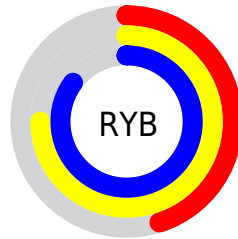
The CIELCh color **79, 50.378, 151.392** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **62, 51.119, 339.625**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 39.504, 154.556**, and **59, 50.058, 151.581** is the 20% darker color. If you saturate the color by 10%, you get **78, 60.141, 150.018**, and if you desaturate by 10%, it is **80, 40.028, 152.590**.

Distribution



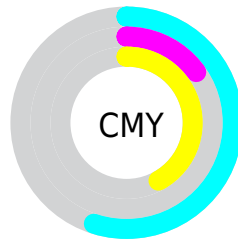
- Red (45%)
- Green (85%)
- Blue (58%)



- Red (45%)
- Yellow (75%)
- Blue (85%)



- Cyan (47%)
- Magenta (0%)
- Yellow (31%)
- Black (15%)





- Cyan (55%)
- Magenta (15%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 50.378, 151.392 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 79, 50.378, 151.392 by changing the saturation by 10% instead.


 79, 50.378,
151.392


 79, 50.378,
151.392


 100, 50.378,
151.392


 69, 50.378,
151.392


 99, 50.378,
151.392

 59, 50.378,
151.392

 49, 50.378,
151.392

 39, 50.378,
151.392

 29, 50.378,
151.392

 19, 50.378,
151.392

 9, 50.378, 151.392

■ 0, 50.378, 151.392

■ 79, 50.378,
151.392

■ 79, 50.378,
151.392

■ 78, 60.141,
150.018

■ 80, 40.028,
152.590

■ 77, 69.113,
148.452

■ 82, 29.291,
153.634

■ 77, 77.123,
146.693

■ 83, 18.353,
154.548

■ 76, 84.048,
144.762

■ 85, 7.372, 155.373

■ 76, 89.850,
142.722

■ 87, 3.525, 335.917

■ 76, 91.552,
142.093

■ 89, 14.245,
336.617

■ 90, 22.096,

329.620

91, 24.425,
325.275

Harmonies

Complementary

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



79, 50.378, 151.392



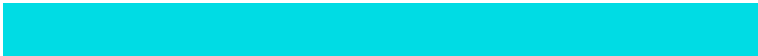
62, 51.119, 339.625

Rectangle

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



79, 50.378, 151.392



79, 50.378, 201.392



79, 50.378, 331.392



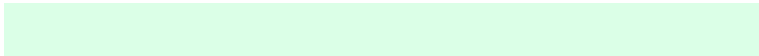
79, 50.378, 21.392

Sweetspot

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



79, 50.379, 151.392



97, 17.531, 154.771



82, 53.283, 120.515



51, 12.109, 154.587



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 50.379, 151.392



91, 67.920, 150.052



80, 33.606, 181.456



44, 6.158, 155.157



61, 76.244, 142.451



14, 26.740, 147.819

Inverse Universe

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



62, 51.119, 339.625



68, 68.495, 340.660



60, 42.083, 12.057



42, 6.196, 336.437



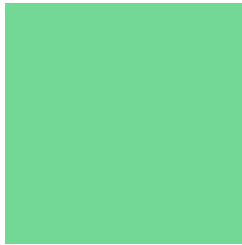
38, 66.947, 347.523



5, 25.810, 343.259

Previews

White Background



This preview shows how the CIELCh color 79, 50.378, 151.392 looks on a white background.

Color Contrast Check

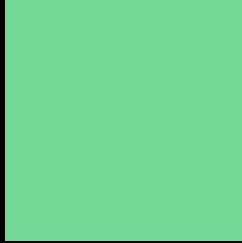
Large Text (above 18pt) WCAG AA × Fail

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 79, 50.378, 151.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

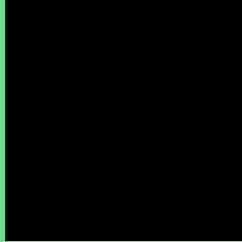
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 50.378, 151.392

Background



This preview shows how black text looks on a background with the CIELCh color 79, 50.378, 151.392.

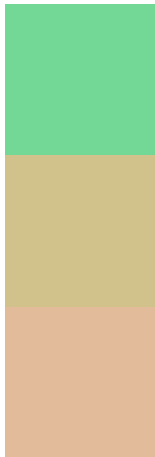


This preview shows how white text looks on a background with the CIELCh color 79, 50.378, 151.392.

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
79, 50.378, 151.392

Protanopia
78, 29.757, 95.555

Deuteranopia
79, 23.439, 66.274



Tritanopia
79, 24.263, 218.703

Trichromacy



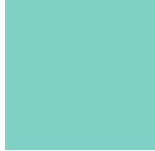
Original Color
79, 50.378, 151.392



Protanomaly
78, 32.885, 126.183



Deuteranomaly
78, 24.306, 119.162



Tritanomaly
79, 28.802, 182.170

Monochromacy



Original Color
79, 50.378, 151.392



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 19.362, 153.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 50.378, 151.392 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(115, 216, 149)` looks like.

```
.text, #text, p{  
    color:rgb(115, 216, 149)  
}
```

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(115, 216, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 216, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 50.378, 151.392 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(115, 216, 149) }
```

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

```
.border{ border-color:rgb(115, 216, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 216, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 216, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 216, 149);  
box-shadow:4px 4px 4px 4px rgb(115, 216,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 50.378, 151.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 216, 149) }
```

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

```
.background{ background-color: rgb(115,  
216, 149) }
```

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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