

Converting Colors

CIELCh(79, 52.371, 151.776)

Have a look what the booklet for
CIELCh(79, 52.371, 151.776)
contains.

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Color

CIELCh(79, 52.343, 151.805)

Conversions

Conversions Part 1

Format	Color
Hex	6ED994
RGB	110, 217, 148
RGB Percent	43%, 85%, 58%
CMY	0.5696, 0.1500, 0.4205
CMYK	0.49, 0.00, 0.32, 0.15
HSL	141°, 58%, 64%
HSV	141°, 49%, 85%
XYZ	36.4759, 54.9284, 36.6015
YIQ	177.1410, -41.6230, -44.1430

Conversions

Conversions Part 2

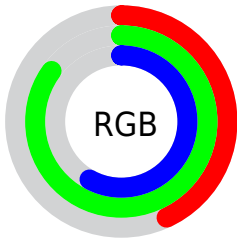
Format	Color
RYB	110, 189, 217
Decimal	7264660
CIELab	79.00, -46.13, 24.73
CIElCh	79, 52.343, 151.805
Yxy	54.9284, 0.2850, 0.4291
Android (android.graphics.Color)	4285454740 (0xFF6ED994)
YUV	177.1410, -14.3665, -58.8827
Hunter-Lab	74.1137, -41.8482, 22.5988

Details

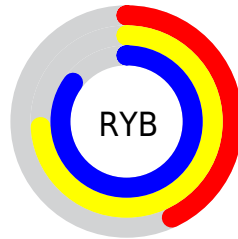
The CIELCh color **79, 52.343, 151.805** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **61, 53.230, 340.823**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 41.031, 155.397**, and **59, 52.086, 151.939** is the 20% darker color. If you saturate the color by 10%, you get **78, 61.787, 150.371**, and if you desaturate by 10%, it is **80, 42.264, 153.057**.

Distribution



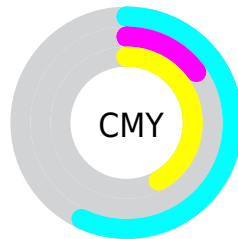
- Red (43%)
- Green (85%)
- Blue (58%)



- Red (43%)
- Yellow (74%)
- Blue (85%)



- Cyan (49%)
- Magenta (0%)
- Yellow (32%)
- Black (15%)





- Cyan (57%)
- Magenta (15%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 52.343, 151.805 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, 52.343, 151.805 by changing the saturation by 10% instead.


 79, 52.343,
151.805


 79, 52.343,
151.805


 100, 52.343,
151.805


 69, 52.343,
151.805


 99, 52.343,
151.805

 59, 52.343,
151.805

 49, 52.343,
151.805

 39, 52.343,
151.805

 29, 52.343,
151.805

 19, 52.343,
151.805

 9, 52.343, 151.805

■ 0, 52.343, 151.805

■ 79, 52.343,
151.805

■ 79, 52.343,
151.805

■ 78, 61.787,
150.371

■ 80, 42.264,
153.057

■ 77, 70.403,
148.742

■ 82, 31.745,
154.149

■ 77, 78.040,
146.916

■ 83, 20.976,
155.105

■ 76, 84.606,
144.920

■ 85, 10.120,
155.958

■ 76, 90.141,
142.854

■ 87, 0.690, 336.107

■ 76, 90.471,
142.731

■ 89, 11.351,
337.275

91, 20.193,
333.165

91, 23.953,
325.259

Harmonies

Complementary

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



79, 52.343, 151.805



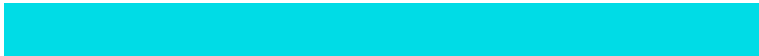
61, 53.230, 340.823

Rectangle

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



79, 52.343, 151.805



79, 52.343, 201.805



79, 52.343, 331.805



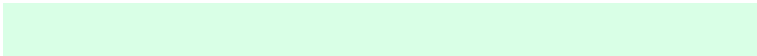
79, 52.343, 21.805

Sweetspot

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



79, 52.344, 151.805



97, 18.527, 155.476



82, 56.406, 121.074



51, 12.644, 155.291



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, 52.344, 151.805



90, 70.031, 150.344



80, 34.809, 182.640



45, 6.192, 155.952



62, 76.002, 143.076



15, 27.590, 147.799

Inverse Universe

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



61, 53.230, 340.823



66, 70.659, 341.999



59, 44.737, 13.893



43, 6.234, 337.257



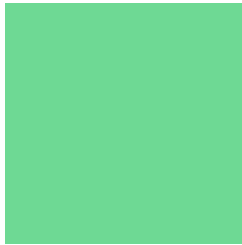
38, 66.967, 349.030



6, 27.047, 344.551

Previews

White Background



This preview shows how the CIELCh color 79, 52.343, 151.805 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, 52.343, 151.805 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, 52.343, 151.805

Background



This preview shows how black text looks on a background with the CIELCh color 79, 52.343, 151.805.

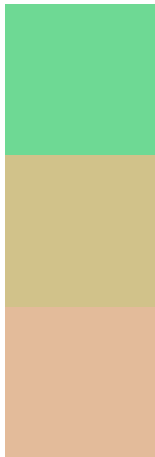


This preview shows how white text looks on a background with the CIELCh color 79, 52.343, 151.805.

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, 52.343, 151.805

Protanopia
78, 30.268, 95.693

Deuteranopia
79, 24.140, 66.334



Tritanopia
79, 25.330, 219.047

Trichromacy



Original Color
79, 52.343, 151.805



Protanomaly
78, 33.647, 127.094



Deuteranomaly
78, 24.992, 120.636



Tritanomaly
79, 30.296, 181.786

Monochromacy



Original Color
79, 52.343, 151.805



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 19.639, 154.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 52.343, 151.805 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, 217, 148)` looks like.

```
.text, #text, p{  
    color:rgb(110, 217, 148)  
}
```

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, 217, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 217, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 52.343, 151.805 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, 217, 148) }
```

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

```
.border{ border-color:rgb(110, 217, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 217, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 217, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 217, 148);  
box-shadow:4px 4px 4px 4px rgb(110, 217,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 52.343, 151.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 217, 148) }
```

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

```
.background{ background-color: rgb(110,  
217, 148) }
```

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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