

Converting Colors

CIELCh(79, 44.003, 153.218)

Have a look what the booklet for
CIELCh(79, 44.003, 153.218)
contains.

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Color

CIELCh(79, 44.160, 153.214)

Conversions

Conversions Part 1

Format	Color
Hex	7CD69D
RGB	124, 214, 157
RGB Percent	49%, 84%, 62%
CMY	0.5130, 0.1600, 0.3836
CMYK	0.42, 0.00, 0.27, 0.16
HSL	142°, 52%, 66%
HSV	142°, 42%, 84%
XYZ	38.5345, 54.9284, 40.5490
YIQ	180.5920, -35.3430, -36.8070

Conversions

Conversions Part 2

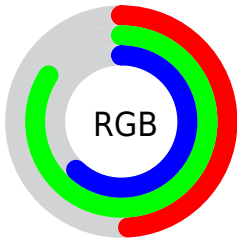
Format	Color
RYB	124, 190, 214
Decimal	8181405
CIELab	79.00, -39.42, 19.90
CIELCh	79, 44.160, 153.214
Yxy	54.9284, 0.2875, 0.4099
Android (android.graphics.Color)	4286371485 (0xFF7CD69D)
YUV	180.5920, -11.6309, -49.6312
Hunter-Lab	74.1137, -36.8901, 19.4409

Details

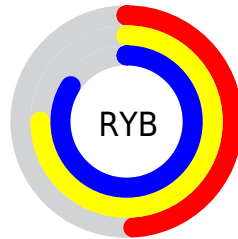
The CIELCh color **79, 44.160, 153.214** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **63, 45.055, 340.616**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.300, 157.277**, and **59, 44.473, 152.848** is the 20% darker color. If you saturate the color by 10%, you get **78, 53.900, 151.911**, and if you desaturate by 10%, it is **80, 33.938, 154.350**.

Distribution



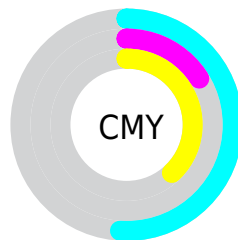
- Red (49%)
- Green (84%)
- Blue (62%)



- Red (49%)
- Yellow (75%)
- Blue (84%)



- Cyan (42%)
- Magenta (0%)
- Yellow (27%)
- Black (16%)



- Cyan (51%)
- Magenta (16%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 44.160, 153.214 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, 44.160, 153.214 by changing the saturation by 10% instead.

 79, 44.160,
153.214

 79, 44.160,
153.214

 100, 44.160,
153.214

 69, 44.160,
153.214

 99, 44.160,
153.214

 59, 44.160,
153.214

 49, 44.160,
153.214

 39, 44.160,
153.214

 29, 44.160,
153.214

 19, 44.160,
153.214

 9, 44.160, 153.214

0, 44.160, 153.214

79, 44.160,
153.214

79, 44.160,
153.214

78, 53.900,
151.911

80, 33.938,
154.350

77, 62.962,
150.423

82, 23.419,
155.345

76, 71.170,
148.735

83, 12.770,
156.227

76, 78.394,
146.852

85, 2.131, 157.141

75, 84.568,
144.805

87, 8.390, 337.599

75, 88.821,
143.151

89, 18.713,
338.233

90, 24.384,

327.278

90, 25.567,
325.315

Harmonies

Complementary

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



79, 44.160, 153.214



63, 45.055, 340.616

Rectangle

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



79, 44.160, 153.214



79, 44.160, 203.214



79, 44.160, 333.214



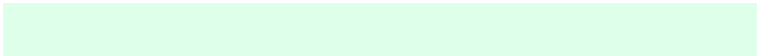
79, 44.160, 23.214

Sweetspot

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



79, 44.161, 153.214



97, 15.914, 156.134



82, 47.994, 121.417



51, 11.141, 155.943



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, 44.161, 153.214



91, 59.832, 152.121



80, 30.212, 183.389



44, 6.023, 156.444



61, 74.447, 143.509



14, 26.168, 148.756

Inverse Universe

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



63, 45.055, 340.616



70, 60.947, 341.519



62, 37.275, 12.379



42, 6.065, 337.758



37, 65.857, 349.907



5, 25.308, 345.136

Previews

White Background



This preview shows how the CIELCh color 79, 44.160, 153.214 looks on a white background.

Color Contrast Check

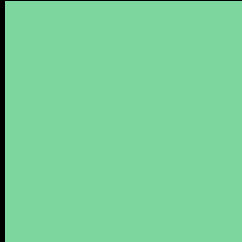
Large Text (above 18pt) WCAG AA × Fail

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, 44.160, 153.214 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, 44.160, 153.214

Background



This preview shows how black text looks on a background with the CIELCh color 79, 44.160, 153.214.

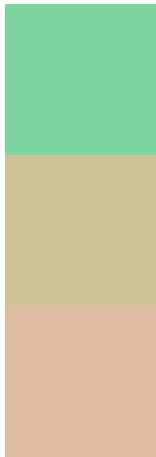


This preview shows how white text looks on a background with the CIELCh color 79, 44.160, 153.214.

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, 44.160, 153.214

Protanopia

79, 25.053, 94.867

Deuteranopia

78, 19.676, 60.398



Tritanopia
79, 22.536, 220.499

Trichromacy



Original Color
79, 44.160, 153.214



Protanomaly
78, 27.949, 126.485



Deuteranomaly
78, 19.444, 118.773

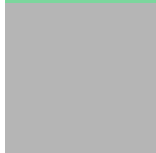


Tritanomaly
79, 25.786, 184.276

Monochromacy



Original Color
79, 44.160, 153.214



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 16.743, 155.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 44.160, 153.214 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(124, 214, 157)` looks like.

```
.text, #text, p{  
    color:rgb(124, 214, 157)  
}
```

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(124, 214, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 214, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 44.160, 153.214 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(124, 214, 157) }
```

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

```
.border{ border-color:rgb(124, 214, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 214, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 214, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 214, 157);  
box-shadow:4px 4px 4px 4px rgb(124, 214,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 44.160, 153.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 214, 157) }
```

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

```
.background{ background-color: rgb(124,  
214, 157) }
```

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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