

Converting Colors

CIELCh(79, 51.054, 125.618)

Have a look what the booklet for
CIELCh(79, 51.054, 125.618)
contains.

CIELCh(79, 51.019, 125.627)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 51.019, 125.627)

Conversions

Conversions Part 1

Format	Color
Hex	A6D174
RGB	166, 209, 116
RGB Percent	65%, 82%, 45%
CMY	0.3493, 0.1806, 0.5453
CMYK	0.21, 0.00, 0.45, 0.18
HSL	88°, 50%, 64%
HSV	88°, 45%, 82%
XYZ	41.6456, 54.9284, 24.9115
YIQ	185.5410, 4.2250, -38.0390

Conversions

Conversions Part 2

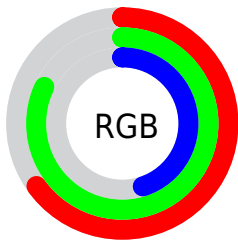
Format	Color
RYB	116, 209, 159
Decimal	10932596
CIELab	79.00, -29.72, 41.47
CIELCh	79, 51.019, 125.627
Yxy	54.9284, 0.3428, 0.4521
Android (android.graphics.Color)	4289122676 (0xFFA6D174)
YUV	185.5410, -34.2837, -17.1375
Hunter-Lab	74.1137, -29.3971, 31.9507

Details

The CIELCh color **79, 51.019, 125.627** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **57, 54.781, 310.133**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 44.994, 123.147**, and **59, 50.915, 125.521** is the 20% darker color. If you saturate the color by 10%, you get **78, 61.636, 125.237**, and if you desaturate by 10%, it is **80, 39.879, 126.095**.

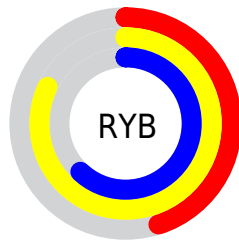
Distribution



Red (65%)

Green (82%)

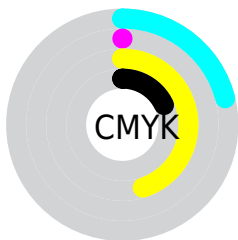
Blue (45%)



Red (45%)

Yellow (82%)

Blue (62%)

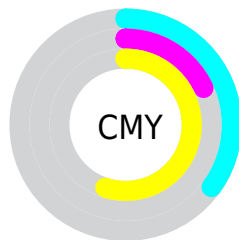


Cyan (21%)

Magenta (0%)

Yellow (45%)

Black (18%)



Cyan (35%)

Magenta (18%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 51.019, 125.627 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, 51.019, 125.627 by changing the saturation by 10% instead.

■ 79, 51.019,
125.627

■ 79, 51.019,
125.627

■ 100, 51.019,
125.627

■ 69, 51.019,
125.627

■ 99, 51.019,
125.627

■ 59, 51.019,
125.627

■ 49, 51.019,
125.627

■ 39, 51.019,
125.627

■ 29, 51.019,
125.627

■ 19, 51.019,
125.627

■ 9, 51.019, 125.627

■ 0, 51.019, 125.627

■ 79, 51.019,
125.627

■ 79, 51.019,
125.627

■ 78, 61.636,
125.237

■ 80, 39.879,
126.095

■ 77, 71.399,
124.994

■ 81, 28.437,
126.588

■ 77, 79.871,
125.005

■ 82, 16.850,
127.080

■ 76, 86.548,
125.395

■ 83, 5.224, 127.563

■ 76, 91.052,
126.270

■ 85, 6.364, 307.964

■ 75, 92.844,
126.882

■ 86, 17.861,
308.380

■ 87, 25.671,

311.086

■ 88, 26.910,
317.899

■ 89, 28.489,
324.147

Harmonies

Complementary

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



79, 51.019, 125.627



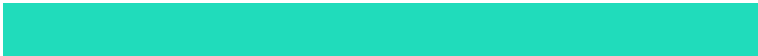
57, 54.781, 310.133

Rectangle

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



79, 51.019, 125.627



79, 51.019, 175.627



79, 51.019, 305.627



79, 51.019, 355.627

Sweetspot

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



79, 51.020, 125.628



98, 17.744, 127.146



69, 32.308, 64.745



52, 12.417, 127.037



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, 51.020, 125.628



94, 70.550, 125.267



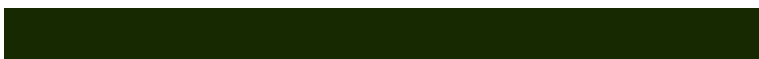
77, 58.871, 139.884



44, 6.589, 127.326



62, 78.857, 126.631



14, 25.831, 128.234

Inverse Universe

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



57, 54.781, 310.133



62, 77.044, 310.658



62, 58.934, 325.300



41, 6.686, 308.172



25, 92.079, 311.154



3, 26.546, 306.071

Previews

White Background



This preview shows how the CIELCh color 79, 51.019, 125.627 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, 51.019, 125.627 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, 51.019, 125.627

Background



This preview shows how black text looks on a background with the CIELCh color 79, 51.019, 125.627.

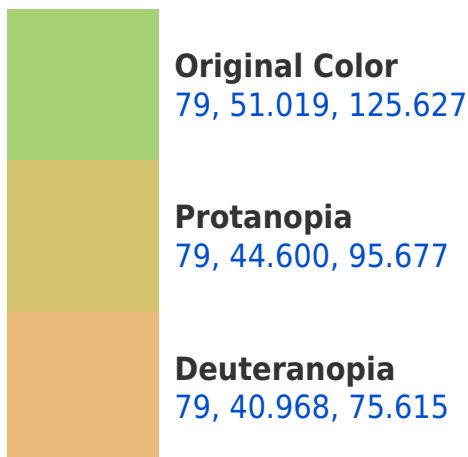


This preview shows how white text looks on a background with the CIELCh color 79, 51.019, 125.627.

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





Tritanopia
79, 10.024, 252.407

Trichromacy



Original Color
79, 51.019, 125.627

Protanomaly
79, 45.118, 107.622

Deuteranomaly
78, 40.033, 96.211

Tritanomaly
79, 16.331, 146.783

Monochromacy



Original Color
79, 51.019, 125.627

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 19.197, 127.233

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 51.019, 125.627 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(166, 209, 116)` looks like.

```
.text, #text, p{  
    color:rgb(166, 209, 116)  
}
```

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(166, 209, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 209, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 51.019, 125.627 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(166, 209, 116) }
```

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

```
.border{ border-color:rgb(166, 209, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 209, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 209, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 209, 116);  
box-shadow:4px 4px 4px 4px rgb(166, 209,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 51.019, 125.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 209, 116) }
```

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

```
.background{ background-color: rgb(166,  
209, 116) }
```

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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