

Converting Colors

CIELCh(78, 41.479, 107.501)

Have a look what the booklet for
CIELCh(78, 41.479, 107.501)
contains.

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Color

CIELCh(78, 41.719, 107.458)

Conversions

Conversions Part 1

Format	Color
Hex	C4C676
RGB	196, 198, 118
RGB Percent	77%, 78%, 46%
CMY	0.2328, 0.2249, 0.5386
CMYK	0.01, 0.00, 0.40, 0.22
HSL	62°, 41%, 62%
HSV	62°, 40%, 78%
XYZ	46.0327, 53.2120, 24.8798
YIQ	188.2820, 24.4880, -25.3040

Conversions

Conversions Part 2

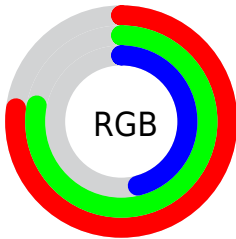
Format	Color
RYB	118, 198, 120
Decimal	12895862
CIELab	78.00, -12.52, 39.80
CIELCh	78, 41.719, 107.458
Yxy	53.2120, 0.3709, 0.4287
Android (android.graphics.Color)	4291085942 (0xFFC4C676)
YUV	188.2820, -34.6490, 6.7687
Hunter-Lab	72.9466, -15.0146, 30.8406

Details

The CIELCh color $78, 41.719, 107.458$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $53, 46.309, 296.332$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 42.050, 107.498$, and $58, 41.362, 107.204$ is the 20% darker color. If you saturate the color by 10%, you get $78, 51.283, 106.612$, and if you desaturate by 10%, it is $78, 31.705, 108.359$.

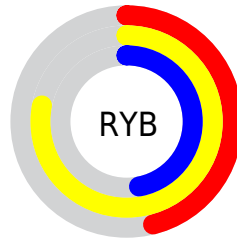
Distribution



Red (77%)

Green (78%)

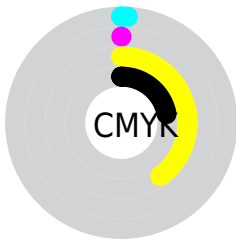
Blue (46%)



Red (46%)

Yellow (78%)

Blue (47%)

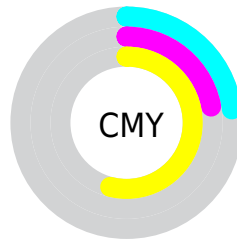


Cyan (1%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (23%)


Magenta (22%)


Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 41.719, 107.458 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 78, 41.719, 107.458 by changing the saturation by 10% instead.


 78, 41.719,
107.458


 78, 41.719,
107.458


 100, 41.719,
107.458


 68, 41.719,
107.458


 98, 41.719,
107.458

 58, 41.719,
107.458

 48, 41.719,
107.458

 38, 41.719,
107.458

 28, 41.719,
107.458

 18, 41.719,
107.458

 8, 41.719, 107.458

0, 41.719, 107.458

78, 41.719,
107.458

78, 41.719,
107.458

78, 51.283,
106.612

78, 31.705,
108.359

77, 60.116,
105.847

79, 21.421,
109.281

77, 67.824,
105.206

79, 10.987,
110.206

77, 73.922,
104.738

80, 0.482, 111.015

77, 77.962,
104.482

80, 10.045,
292.027

77, 80.042,
104.418

81, 20.558,
292.889

■ 82, 30.495,
293.692

■ 82, 30.500,
293.993

■ 82, 30.506,
294.294

Harmonies

Complementary

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



78, 41.719, 107.458



53, 46.309, 296.332

Rectangle

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



78, 41.719, 107.458



78, 41.719, 157.458



78, 41.719, 287.458



78, 41.719, 337.458

Sweetspot

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



78, 41.720, 107.461



99, 15.486, 110.048



58, 33.638, 24.488



53, 10.269, 109.926



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 41.720, 107.461



98, 61.311, 106.671



75, 45.147, 127.772



42, 5.984, 110.305



65, 69.438, 104.396



13, 20.299, 107.489

Inverse Universe

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



53, 46.309, 296.332



60, 70.291, 298.012



56, 47.735, 311.621



38, 6.117, 292.093



19, 95.692, 306.373



1, 21.519, 292.411

Previews

White Background



This preview shows how the CIELCh color 78, 41.719, 107.458 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 CIE LCh color 78, 41.719, 107.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

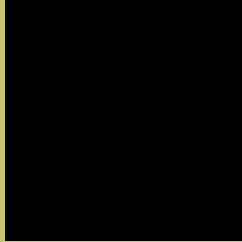
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 41.719, 107.458

Background



This preview shows how black text looks on a background with the CIELCh color 78, 41.719, 107.458.



This preview shows how white text looks on a background with the CIELCh color 78, 41.719, 107.458.

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
78, 41.719, 107.458

Protanopia
78, 41.142, 95.740

Deuteranopia
78, 39.902, 75.456



Tritanopia
78, 9.785, 330.192

Trichromacy



Original Color
78, 41.719, 107.458

Protanomaly
78, 41.041, 100.496

Deuteranomaly
78, 38.763, 87.606

Tritanomaly
78, 11.839, 90.050

Monochromacy



Original Color
78, 41.719, 107.458

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 16.003, 110.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 41.719, 107.458 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(196, 198, 118)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 118)  
}
```

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(196, 198, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 41.719, 107.458 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(196, 198, 118) }
```

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

```
.border{ border-color:rgb(196, 198, 118) }
```

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

Here you see how a box with a 4 pixel rgb(196, 198, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 198, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 198, 118);  
box-shadow:4px 4px 4px 4px rgb(196, 198,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 41.719, 107.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 118) }
```

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

```
.background{ background-color: rgb(196,  
198, 118) }
```

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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