

Converting Colors

CIELCh(78, 41.572, 107.004)

Have a look what the booklet for
CIELCh(78, 41.572, 107.004)
contains.

CIELCh(78, 41.245, 106.924)	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(78, 41.245, 106.924)

Conversions

Conversions Part 1

Format	Color
Hex	C4C576
RGB	196, 197, 118
RGB Percent	77%, 77%, 46%
CMY	0.2298, 0.2259, 0.5358
CMYK	0.01, 0.00, 0.40, 0.23
HSL	61°, 41%, 62%
HSV	61°, 40%, 77%
XYZ	46.2121, 53.2120, 25.0871
YIQ	187.6950, 24.7630, -24.7810

Conversions

Conversions Part 2

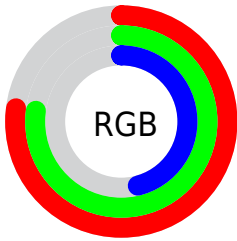
Format	Color
RYB	118, 197, 119
Decimal	12895606
CIELab	78.00, -12.01, 39.46
CIElCh	78, 41.245, 106.924
Yxy	53.2120, 0.3711, 0.4274
Android (android.graphics.Color)	4291085686 (0xFFC4C576)
YUV	187.6950, -34.3596, 7.2835
Hunter-Lab	72.9466, -14.5756, 30.6721

Details

The CIELCh color $78, 41.245, 106.924$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $53, 45.724, 295.891$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 41.587, 106.993$, and $58, 40.884, 106.627$ is the 20% darker color. If you saturate the color by 10%, you get $78, 50.823, 106.056$, and if you desaturate by 10%, it is $78, 31.227, 107.846$.

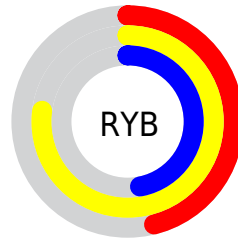
Distribution



Red (77%)

Green (77%)

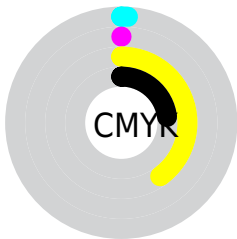
Blue (46%)



Red (46%)

Yellow (77%)

Blue (47%)

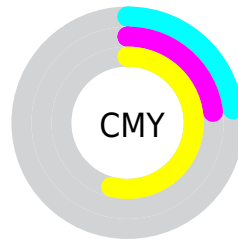


Cyan (1%)

Magenta (0%)

Yellow (40%)

Black (23%)



Cyan (23%)


Magenta (23%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 41.245, 106.924 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, 41.245, 106.924 by changing the saturation by 10% instead.


 78, 41.245,
106.924

 78, 41.245,
106.924

 100, 41.245,
106.924

 68, 41.245,
106.924


 98, 41.245,
106.924

 58, 41.245,
106.924

 48, 41.245,
106.924

 38, 41.245,
106.924

 28, 41.245,
106.924

 18, 41.245,
106.924

 8, 41.245, 106.924

■ 0, 41.245, 106.924

■ 78, 41.245,
106.924

■ 78, 41.245,
106.924

■ 78, 50.823,
106.056

■ 78, 31.227,
107.846

■ 78, 59.683,
105.264

■ 79, 20.947,
108.787

■ 77, 67.439,
104.590

■ 79, 10.522,
109.730

■ 77, 73.606,
104.079

■ 80, 0.029, 108.605

■ 77, 77.731,
103.767

■ 80, 10.485,
291.591

■ 77, 79.932,
103.637

■ 81, 20.984,
292.472

■ 81, 30.633,
293.266

■ 82, 30.635,
293.415

■ 82, 30.637,
293.565

Harmonies

Complementary

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



78, 41.245, 106.924



53, 45.724, 295.891

Rectangle

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



78, 41.245, 106.924



78, 41.245, 156.924



78, 41.245, 286.924



78, 41.245, 336.924

Sweetspot

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



78, 41.246, 106.927



99, 15.483, 109.529



58, 33.680, 23.286



53, 10.266, 109.404



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, 41.246, 106.927



98, 60.153, 106.166



75, 44.437, 127.201



42, 5.983, 109.791



65, 69.412, 103.627



13, 20.292, 106.735

Inverse Universe

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



53, 45.724, 295.891



61, 68.725, 297.498



56, 47.064, 311.064



38, 6.115, 291.620



19, 95.760, 306.330



1, 21.514, 292.079

Previews

White Background



This preview shows how the CIELCh color 78, 41.245, 106.924 looks on a white background.

Color Contrast Check

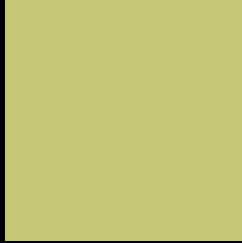
Large Text (above 18pt) WCAG AA × Fail

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, 41.245, 106.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

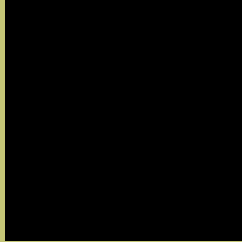
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 41.245, 106.924

Background



This preview shows how black text looks on a background with the CIELCh color 78, 41.245, 106.924.



This preview shows how white text looks on a background with the CIELCh color 78, 41.245, 106.924.

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, 41.245, 106.924

Protanopia

78, 40.647, 95.668

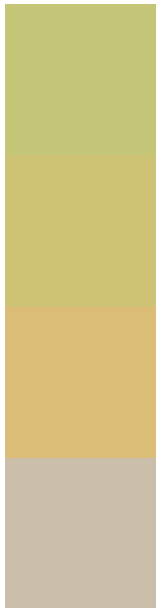
Deuteranopia

78, 39.902, 75.456



Tritanopia
78, 10.672, 331.446

Trichromacy



Original Color
78, 41.245, 106.924

Protanomaly
78, 41.091, 99.912

Deuteranomaly
78, 38.917, 87.018

Tritanomaly
78, 11.145, 84.618

Monochromacy



Original Color
78, 41.245, 106.924

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 14.947, 108.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 41.245, 106.924 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, 197, 118)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 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, 197, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 41.245, 106.924 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, 197, 118) }
```

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

```
.border{ border-color:rgb(196, 197, 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, 197, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 118);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 41.245, 106.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 118) }
```

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

```
.background{ background-color: rgb(196,  
197, 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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