

Converting Colors

CIELCh(78, 20.737, 112.611)

Have a look what the booklet for
CIELCh(78, 20.737, 112.611)
contains.

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Color

CIELCh(78, 20.756, 112.603)

Conversions

Conversions Part 1

Format	Color
Hex	C0C49D
RGB	192, 196, 157
RGB Percent	75%, 77%, 62%
CMY	0.2465, 0.2308, 0.3837
CMYK	0.02, 0.00, 0.20, 0.23
HSL	66°, 25%, 69%
HSV	66°, 20%, 77%
XYZ	47.6474, 53.2120, 39.7221
YIQ	190.3580, 10.1350, -12.9770

Conversions

Conversions Part 2

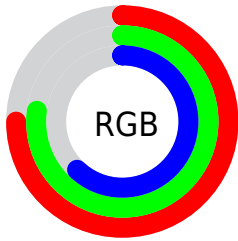
Format	Color
RYB	157, 196, 161
Decimal	12633245
CIELab	78.00, -7.98, 19.16
CIELCh	78, 20.756, 112.603
Yxy	53.2120, 0.3389, 0.3785
Android (android.graphics.Color)	4290823325 (0xFFC0C49D)
YUV	190.3580, -16.4455, 1.4400
Hunter-Lab	72.9466, -11.0633, 18.7770

Details

The CIELCh color **78, 20.756, 112.603** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 21.712, 296.051**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 20.817, 112.676**, and **58, 20.298, 112.575** is the 20% darker color. If you saturate the color by 10%, you get **77, 31.025, 111.797**, and if you desaturate by 10%, it is **79, 10.348, 113.418**.

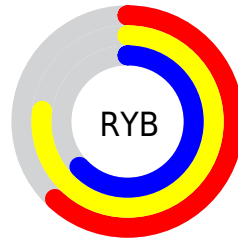
Distribution



Red (75%)

Green (77%)

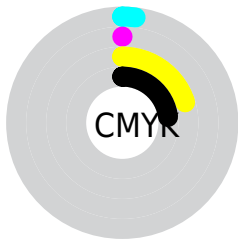
Blue (62%)



Red (62%)

Yellow (77%)

Blue (63%)

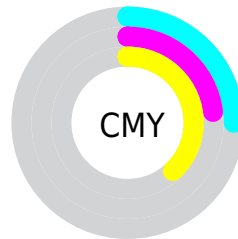


Cyan (2%)

Magenta (0%)

Yellow (20%)

Black (23%)



Cyan (25%)


Magenta (23%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 20.756, 112.603 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, 20.756, 112.603 by changing the saturation by 10% instead.


 78, 20.756,
112.603


 78, 20.756,
112.603


 100, 20.756,
112.603


 68, 20.756,
112.603


 98, 20.756,
112.603

 58, 20.756,
112.603

 48, 20.756,
112.603

 38, 20.756,
112.603

 28, 20.756,
112.603

 18, 20.756,
112.603

 8, 20.756, 112.603

0, 20.756, 112.603

78, 20.756,
112.603

78, 20.756,
112.603

77, 31.025,
111.797

79, 10.348,
113.418

77, 41.035,
111.010

79, 0.128, 294.414

77, 50.612,
110.275

80, 10.620,
294.998

76, 59.490,
109.635

81, 21.092,
295.741

76, 67.292,
109.143

81, 31.401,
296.455

76, 73.542,
108.866

82, 31.454,
297.647

■ 75, 77.786,
108.869

■ 82, 31.519,
298.841

■ 75, 80.121,
109.141

■ 82, 31.598,
300.035

■ 75, 80.145,
109.144

■ 82, 31.688,
301.228

Harmonies

Complementary

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



78, 20.756, 112.603



66, 21.712, 296.051

Rectangle

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



78, 20.756, 112.603



78, 20.756, 162.603



78, 20.756, 292.603



78, 20.756, 342.603

Sweetspot

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



78, 20.758, 112.607



100, 7.772, 113.722



69, 14.107, 29.229



53, 5.155, 113.669



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, 20.758, 112.607



98, 30.933, 112.242



77, 22.710, 131.617



41, 5.876, 113.461



63, 69.104, 109.055



12, 18.769, 112.946

Inverse Universe

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



66, 21.712, 296.051



81, 32.719, 296.549



68, 23.189, 313.333



37, 6.004, 295.009



19, 94.134, 306.673



1, 19.524, 293.910

Previews

White Background



This preview shows how the CIELCh color 78, 20.756, 112.603 looks on a white background.

Color Contrast Check

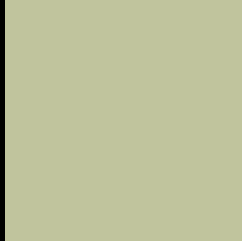
Large Text (above 18pt) WCAG AA × Fail

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, 20.756, 112.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

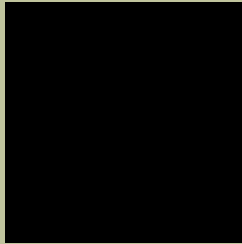
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

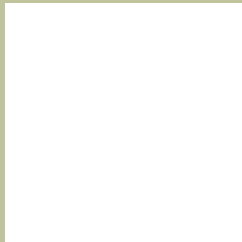
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 20.756, 112.603

Background



This preview shows how black text looks on a background with the CIELCh color 78, 20.756, 112.603.



This preview shows how white text looks on a background with the CIELCh color 78, 20.756, 112.603.

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, 20.756, 112.603

Protanopia
78, 20.269, 94.685

Deuteranopia
78, 20.796, 61.689



Tritanopia
78, 8.714, 312.769

Trichromacy



Original Color
78, 20.756, 112.603

Protanomaly
78, 20.323, 101.578

Deuteranomaly
78, 18.976, 79.682

Tritanomaly
78, 2.817, 68.519

Monochromacy



Original Color
78, 20.756, 112.603

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 7.515, 115.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 20.756, 112.603 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(192, 196, 157)` looks like.

```
.text, #text, p{  
    color:rgb(192, 196, 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(192, 196, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 196, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 20.756, 112.603 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(192, 196, 157) }
```

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

```
.border{ border-color:rgb(192, 196, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 196, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 196, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 196, 157);  
box-shadow:4px 4px 4px 4px rgb(192, 196,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 20.756, 112.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 196, 157) }
```

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

```
.background{ background-color: rgb(192,  
196, 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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