

Converting Colors

CIELCh(78, 9.978, 114.684)

Have a look what the booklet for
CIELCh(78, 9.978, 114.684) contains.

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Color

CIELCh(78, 10.192, 115.659)

Conversions

Conversions Part 1

Format	Color
Hex	C0C3B0
RGB	192, 195, 176
RGB Percent	75%, 76%, 69%
CMY	0.2481, 0.2363, 0.3108
CMYK	0.02, 0.00, 0.10, 0.24
HSL	69°, 14%, 73%
HSV	69°, 10%, 76%
XYZ	48.9417, 53.2120, 48.6339
YIQ	191.9370, 4.3110, -6.5450

Conversions

Conversions Part 2

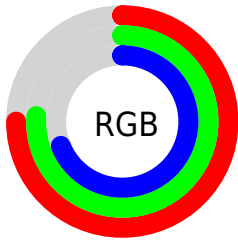
Format	Color
RYB	176, 195, 179
Decimal	12633008
CIELab	78.00, -4.41, 9.19
CIElCh	78, 10.192, 115.659
Yxy	53.2120, 0.3246, 0.3529
Android (android.graphics.Color)	4290823088 (0xFFC0C3B0)
YUV	191.9370, -7.8569, 0.0553
Hunter-Lab	72.9466, -7.8964, 11.5336

Details

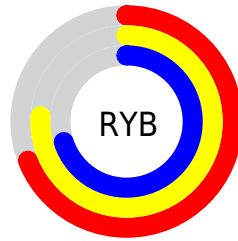
The CIELCh color **78, 10.192, 115.659** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 10.418, 297.122**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.266, 117.455**, and **58, 9.695, 116.260** is the 20% darker color. If you saturate the color by 10%, you get **77, 20.592, 114.929**, and if you desaturate by 10%, it is **79, 0.265, 296.405**.

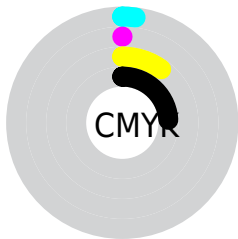
Distribution



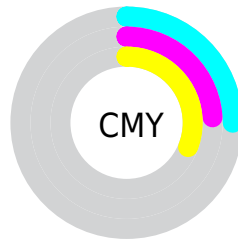
- Red (75%)
- Green (76%)
- Blue (69%)



- Red (69%)
- Yellow (76%)
- Blue (70%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)





- Cyan (25%)
- Magenta (24%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 10.192, 115.659 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, 10.192, 115.659 by changing the saturation by 10% instead.


 78, 10.192,
115.659


 78, 10.192,
115.659


 100, 10.192,
115.659


 68, 10.192,
115.659


 98, 10.192,
115.659

 58, 10.192,
115.659

 48, 10.192,
115.659

 38, 10.192,
115.659

 28, 10.192,
115.659

 18, 10.192,
115.659

 8, 10.192, 115.659

0, 10.192, 115.659

78, 10.192,
115.659

78, 10.192,
115.659

77, 20.592,
114.929

79, 0.265, 296.405

77, 30.854,
114.192

79, 10.733,
297.088

76, 40.865,
113.478

80, 21.174,
297.756

76, 50.455,
112.819

81, 31.561,
298.388

75, 59.363,
112.262

82, 32.387,
300.084

75, 67.221,
111.869

82, 32.530,
301.861

■ 75, 73.561,
111.718

■ 82, 32.701,
303.633

■ 74, 77.932,
111.889

■ 82, 32.902,
305.397

■ 74, 80.411,
112.377

■ 83, 33.132,
307.151

Harmonies

Complementary

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



78, 10.192, 115.659



73, 10.418, 297.122

Rectangle

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



78, 10.192, 115.659



78, 10.192, 165.659



78, 10.192, 295.659



78, 10.192, 345.659

Sweetspot

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



78, 10.194, 115.666



99, 3.866, 116.152



74, 6.344, 33.809



53, 2.956, 116.094



0, 0.000, 0.000



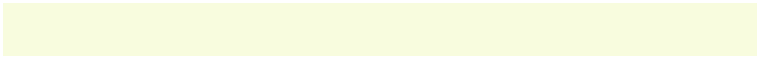
53, 0.007, 296.813

Same Dimension

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



78, 10.194, 115.666



98, 15.474, 115.488



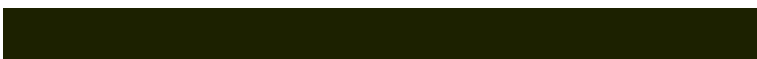
77, 11.202, 133.734



41, 5.900, 115.695



62, 69.737, 112.262



12, 18.951, 116.185

Inverse Universe

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



73, 10.418, 297.122



90, 15.892, 297.326



73, 11.310, 314.518



38, 6.025, 297.090



19, 93.658, 307.001



1, 19.567, 295.402

Previews

White Background



This preview shows how the CIELCh color 78, 10.192, 115.659 looks on a white background.

Color Contrast Check

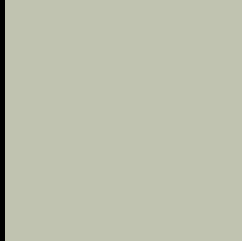
Large Text (above 18pt) WCAG AA × Fail

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 78, 10.192, 115.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

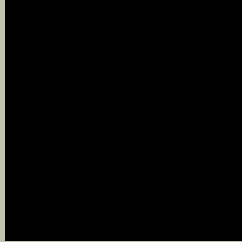
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

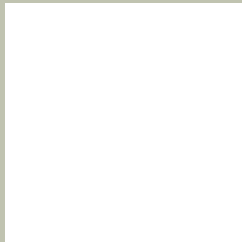
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 10.192, 115.659

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.192, 115.659.



This preview shows how white text looks on a background with the CIELCh color 78, 10.192, 115.659.

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, 10.192, 115.659

Protanopia

78, 10.070, 91.505

Deuteranopia

78, 12.747, 39.719



Tritanopia
78, 8.363, 305.856

Trichromacy



Original Color
78, 10.192, 115.659

Protanomaly
78, 9.708, 100.217

Deuteranomaly
78, 9.725, 60.834

Tritanomaly
78, 1.314, 324.307

Monochromacy



Original Color
78, 10.192, 115.659

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.755, 115.511

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.192, 115.659 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, 195, 176)` looks like.

```
.text, #text, p{  
    color:rgb(192, 195, 176)  
}
```

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, 195, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 195, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.192, 115.659 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, 195, 176) }
```

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

```
.border{ border-color:rgb(192, 195, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 195, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(192, 195,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.192, 115.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 195, 176) }
```

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

```
.background{ background-color: rgb(192,  
195, 176) }
```

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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