

Converting Colors

CIELCh(78, 7.445, 139.542)

Have a look what the booklet for
CIELCh(78, 7.445, 139.542) contains.

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Color

CIELCh(78, 7.438, 139.544)

Conversions

Conversions Part 1

Format	Color
Hex	BAC4B8
RGB	186, 196, 184
RGB Percent	73%, 77%, 72%
CMY	0.2716, 0.2324, 0.2795
CMYK	0.05, 0.00, 0.06, 0.23
HSL	110°, 9%, 74%
HSV	110°, 6%, 77%
XYZ	48.4865, 53.2120, 52.9154
YIQ	191.6420, -2.1080, -5.8520

Conversions

Conversions Part 2

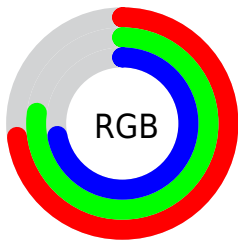
Format	Color
RYB	184, 196, 194
Decimal	12240056
CIELab	78.00, -5.66, 4.83
CIELCh	78, 7.438, 139.544
Yxy	53.2120, 0.3136, 0.3442
Android (android.graphics.Color)	4290430136 (0xFFBAC4B8)
YUV	191.6420, -3.7675, -4.9480
Hunter-Lab	72.9466, -9.0102, 8.0537

Details

The CIELCh color `78, 7.438, 139.544` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 7.473, 320.048`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 7.705, 139.964`, and `58, 7.210, 139.027` is the 20% darker color. If you saturate the color by 10%, you get `76, 19.684, 139.008`, and if you desaturate by 10%, it is `80, 4.676, 319.922`.

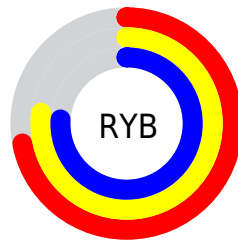
Distribution



Red (73%)

Green (77%)

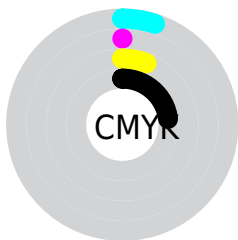
Blue (72%)



Red (72%)

Yellow (77%)

Blue (76%)

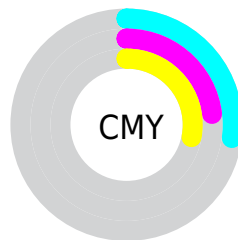


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (23%)



Cyan (27%)

Magenta (23%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.438, 139.544 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, 7.438, 139.544 by changing the saturation by 10% instead.

■ 78, 7.438, 139.544

■ 78, 7.438, 139.544

■ 100, 7.438,
139.544

■ 68, 7.438, 139.544

■ 98, 7.438, 139.544

■ 58, 7.438, 139.544

■ 48, 7.438, 139.544

■ 38, 7.438, 139.544

■ 28, 7.438, 139.544

■ 18, 7.438, 139.544

■ 8, 7.438, 139.544

■ 0, 7.438, 139.544

■ 78, 7.438, 139.544

■ 78, 7.438, 139.544

76, 19.684,
139.008

80, 4.676, 319.922

75, 31.940,
138.410

82, 16.581,
320.342

74, 44.045,
137.746

84, 28.222,
320.678

73, 55.777,
137.030

86, 36.474,
323.785

72, 66.842,
136.297

86, 37.172,
325.716

71, 76.850,
135.616

70, 85.317,
135.092

70, 91.727,
134.855

69, 95.736,

134.992

Harmonies

Complementary

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



78, 7.438, 139.544



76, 7.473, 320.048

Rectangle

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



78, 7.438, 139.544



78, 7.438, 189.544



78, 7.438, 319.544



78, 7.438, 9.544

Sweetspot

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



78, 7.440, 139.546



100, 2.993, 139.797



78, 5.374, 101.642



53, 1.701, 139.806



0, 0.000, 0.000



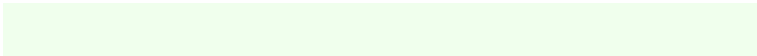
53, 0.007, 296.813

Same Dimension

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



78, 7.440, 139.546



99, 10.538, 139.494



78, 6.185, 155.289



40, 5.465, 139.474



58, 83.546, 134.928



10, 23.221, 140.860

Inverse Universe

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



76, 7.473, 320.048



95, 10.585, 320.096



76, 6.217, 336.036



39, 5.490, 320.115



33, 82.961, 321.958



3, 22.298, 318.955

Previews

White Background



This preview shows how the CIELCh color 78, 7.438, 139.544 looks on a white background.

Color Contrast Check

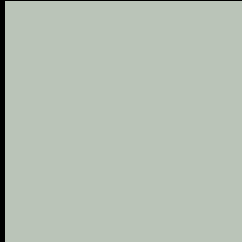
Large Text (above 18pt) WCAG AA × Fail

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, 7.438, 139.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

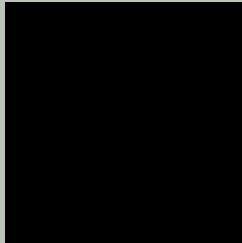
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

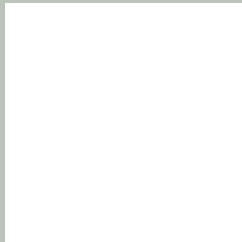
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 7.438, 139.544

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.438, 139.544.



This preview shows how white text looks on a background with the CIELCh color 78, 7.438, 139.544.

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, 7.438, 139.544

Protanopia

78, 5.939, 83.209

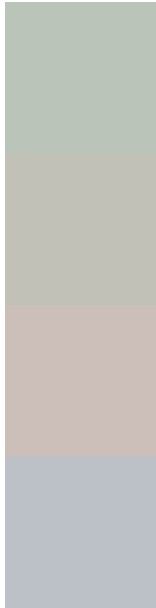
Deuteranopia

78, 10.633, 20.224



Tritanopia
78, 8.092, 283.356

Trichromacy



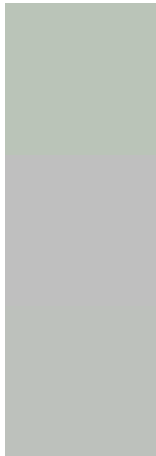
Original Color
78, 7.438, 139.544

Protanomaly
78, 5.342, 105.644

Deuteranomaly
78, 5.910, 46.479

Tritanomaly
78, 3.662, 260.974

Monochromacy



Original Color
78, 7.438, 139.544

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 3.065, 138.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.438, 139.544 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(186, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(186, 196, 184)  
}
```

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(186, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 196, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.438, 139.544 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(186, 196, 184) }
```

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

```
.border{ border-color:rgb(186, 196, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(186, 196,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.438, 139.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 196, 184) }
```

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

```
.background{ background-color: rgb(186,  
196, 184) }
```

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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