

Converting Colors

CIELCh(78, 9.973, 48.496)

Have a look what the booklet for
CIELCh(78, 9.973, 48.496) contains.

CIELCh(78, 10.067, 48.353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 10.067, 48.353)

Conversions

Conversions Part 1

Format	Color
Hex	D3BCB3
RGB	211, 188, 179
RGB Percent	83%, 74%, 70%
CMY	0.1716, 0.2618, 0.2971
CMYK	0.00, 0.11, 0.15, 0.17
HSL	17°, 27%, 77%
HSV	17°, 15%, 83%
XYZ	53.1232, 53.2120, 50.2396
YIQ	193.8510, 16.5970, 2.0770

Conversions

Conversions Part 2

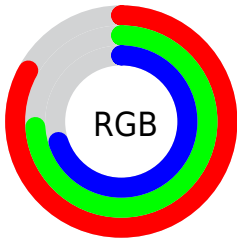
Format	Color
R _Y B	211, 192, 179
Decimal	13876403
CIE Lab	78.00, 6.69, 7.52
CIE LCh	78, 10.067, 48.353
Yxy	53.2120, 0.3393, 0.3399
Android (android.graphics.Color)	4292066483 (0xFFD3BCB3)
YUV	193.8510, -7.3215, 15.0397
Hunter-Lab	72.9466, 2.3360, 10.2285

Details

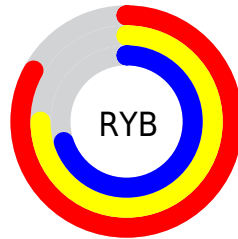
The CIELCh color $78, 10.067, 48.353$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 9.220, 230.407$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 6.040, 68.836$, and $58, 10.079, 50.342$ is the 20% darker color. If you saturate the color by 10%, you get $74, 17.380, 47.927$, and if you desaturate by 10%, it is $82, 3.293, 48.795$.

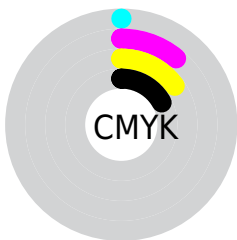
Distribution



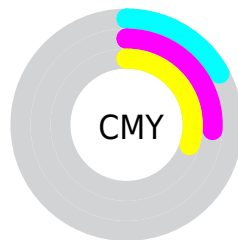
- Red (83%)
- Green (74%)
- Blue (70%)



- Red (83%)
- Yellow (75%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (17%)



- Cyan (17%)
- Magenta (26%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 10.067, 48.353 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, 10.067, 48.353 by changing the saturation by 10% instead.

 78, 10.067, 48.353

 78, 10.067, 48.353

 100, 10.067,
48.353

 68, 10.067, 48.353

 98, 10.067, 48.353

 58, 10.067, 48.353

 48, 10.067, 48.353

 38, 10.067, 48.353

 28, 10.067, 48.353

 18, 10.067, 48.353

 8, 10.067, 48.353

 0, 10.067, 48.353

 78, 10.067, 48.353

 78, 10.067, 48.353

74, 17.380, 47.927

82, 3.293, 48.795

70, 25.277, 47.572

87, 2.994, 229.728

66, 33.783, 47.335

91, 8.847, 230.235

62, 42.885, 47.236

96, 12.879,
212.684

58, 52.489, 47.269

97, 14.609,
198.532

55, 62.345, 47.369

52, 71.863, 47.330

49, 79.820, 46.669

48, 83.114, 46.281

Harmonies

Complementary

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



78, 10.067, 48.353



80, 9.220, 230.407

Rectangle

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



78, 10.067, 48.353



78, 10.067, 98.353



78, 10.067, 228.353



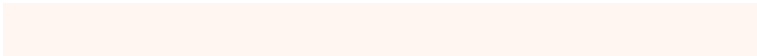
78, 10.067, 278.353

Sweetspot

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



78, 10.066, 48.367



97, 3.721, 48.798



76, 17.257, 333.967



52, 2.546, 48.778



0, 0.000, 0.000



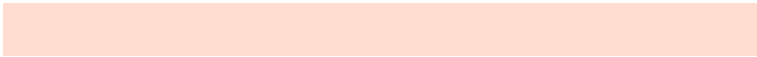
53, 0.007, 296.813

Same Dimension

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



78, 10.066, 48.367



91, 14.099, 48.227



82, 13.245, 96.537



42, 3.656, 48.634



39, 69.766, 46.786



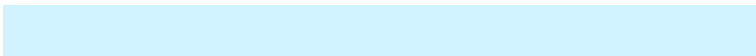
6, 17.024, 35.872

Inverse Universe

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



80, 9.220, 230.407



94, 12.665, 230.674



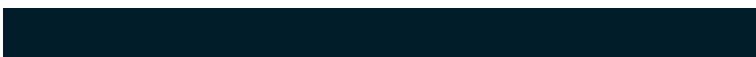
76, 13.413, 280.281



42, 3.470, 229.973



48, 34.785, 252.183



9, 12.514, 241.036

Previews

White Background



This preview shows how the CIELCh color 78, 10.067, 48.353 looks on a white background.

Color Contrast Check

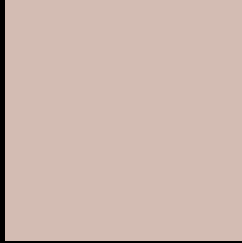
Large Text (above 18pt) WCAG AA × Fail

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, 10.067, 48.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

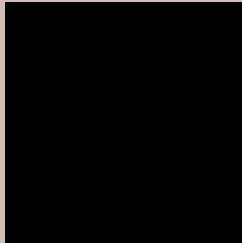
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 10.067, 48.353

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.067, 48.353.



This preview shows how white text looks on a background with the CIELCh color 78, 10.067, 48.353.

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, 10.067, 48.353

Protanopia

78, 6.424, 85.245

Deuteranopia

78, 12.377, 35.190



Tritanopia
78, 13.409, 343.839

Trichromacy



Original Color
78, 10.067, 48.353

Protanomaly
78, 7.427, 71.633

Deuteranomaly
78, 11.412, 39.174

Tritanomaly
78, 10.627, 2.752

Monochromacy



Original Color
78, 10.067, 48.353

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.374, 47.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.067, 48.353 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(211, 188, 179)` looks like.

```
.text, #text, p{  
    color:rgb(211, 188, 179)  
}
```

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(211, 188, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 188, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.067, 48.353 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(211, 188, 179) }
```

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

```
.border{ border-color:rgb(211, 188, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 188, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 188, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 188, 179);  
box-shadow:4px 4px 4px 4px rgb(211, 188,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.067, 48.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 188, 179) }
```

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

```
.background{ background-color: rgb(211,  
188, 179) }
```

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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