

Converting Colors

CIELCh(78, 13.473, 92.036)

Have a look what the booklet for
CIELCh(78, 13.473, 92.036) contains.

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Color

CIELCh(78, 13.367, 92.057)

Conversions

Conversions Part 1

Format	Color
Hex	CAC0A8
RGB	202, 192, 168
RGB Percent	79%, 75%, 66%
CMY	0.2070, 0.2462, 0.3404
CMYK	0.00, 0.05, 0.17, 0.21
HSL	42°, 24%, 73%
HSV	42°, 17%, 79%
XYZ	50.3970, 53.2120, 44.7606
YIQ	192.2540, 13.6640, -5.3440

Conversions

Conversions Part 2

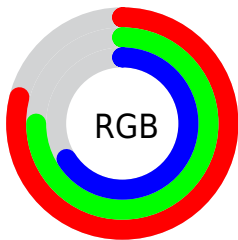
Format	Color
RYB	182, 202, 168
Decimal	13287592
CIELab	78.00, -0.48, 13.36
CIELCh	78, 13.367, 92.057
Yxy	53.2120, 0.3397, 0.3586
Android (android.graphics.Color)	4291477672 (0xFFCAC0A8)
YUV	192.2540, -11.9572, 8.5472
Hunter-Lab	72.9466, -4.3353, 14.6818

Details

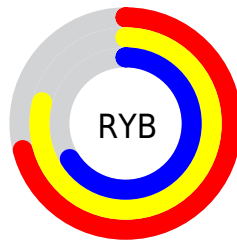
The CIELCh color `78, 13.367, 92.057` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 13.423, 276.425`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 12.956, 97.774`, and `58, 13.539, 92.472` is the 20% darker color. If you saturate the color by 10%, you get `76, 21.487, 90.791`, and if you desaturate by 10%, it is `80, 5.368, 93.282`.

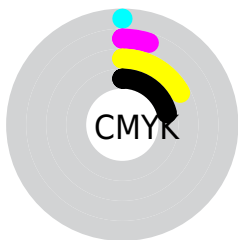
Distribution



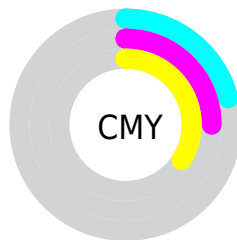
- Red (79%)
- Green (75%)
- Blue (66%)



- Red (71%)
- Yellow (79%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 13.367, 92.057 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, 13.367, 92.057 by changing the saturation by 10% instead.

■ 78, 13.367, 92.057

■ 78, 13.367, 92.057

■ 100, 13.367,
92.057

■ 68, 13.367, 92.057

■ 98, 13.367, 92.057

■ 58, 13.367, 92.057

■ 48, 13.367, 92.057

■ 38, 13.367, 92.057

■ 28, 13.367, 92.057

■ 18, 13.367, 92.057

■ 8, 13.367, 92.057

■ 0, 13.367, 92.057

■ 78, 13.367, 92.057

■ 78, 13.367, 92.057

76, 21.487, 90.791

80, 5.368, 93.282

74, 29.690, 89.475

82, 2.498, 274.604

72, 37.901, 88.121

84, 10.230,
275.684

70, 45.976, 86.725

86, 17.831,
276.771

69, 53.650, 85.269

67, 60.470, 83.707

88, 18.259,
270.821

65, 65.760, 81.951

90, 16.214,
259.942

64, 68.839, 79.863

63, 69.606, 79.174

91, 14.886,
246.674

93, 14.456,
231.871

94, 14.983,
217.266

Harmonies

Complementary

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



78, 13.367, 92.057



73, 13.423, 276.425

Rectangle

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



78, 13.367, 92.057



78, 13.367, 142.057



78, 13.367, 272.057



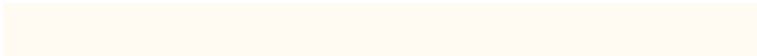
78, 13.367, 322.057

Sweetspot

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



78, 13.368, 92.066



99, 4.743, 93.480



72, 14.082, 357.604



53, 3.239, 93.401



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, 13.368, 92.066



95, 19.247, 91.631



80, 18.169, 116.853



42, 4.511, 92.977



53, 60.092, 79.564



11, 15.923, 82.980

Inverse Universe

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



73, 13.423, 276.425



87, 19.337, 276.965



71, 18.829, 299.255



40, 4.528, 275.366



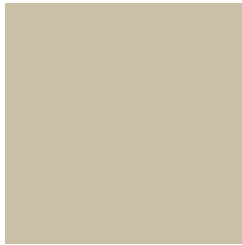
27, 74.599, 298.370



3, 18.845, 283.702

Previews

White Background



This preview shows how the CIELCh color 78, 13.367, 92.057 looks on a white background.

Color Contrast Check

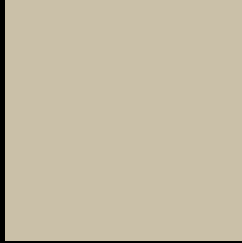
Large Text (above 18pt) WCAG AA × Fail

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, 13.367, 92.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

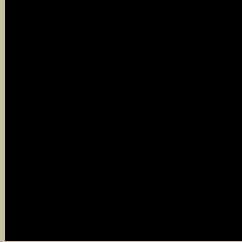
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

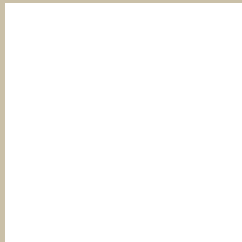
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 13.367, 92.057

Background



This preview shows how black text looks on a background with the CIELCh color 78, 13.367, 92.057.



This preview shows how white text looks on a background with the CIELCh color 78, 13.367, 92.057.

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, 13.367, 92.057

Protanopia

78, 13.367, 92.057

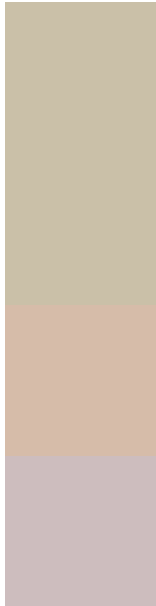
Deuteranopia

78, 16.261, 53.904



Tritanopia
78, 10.915, 332.936

Trichromacy



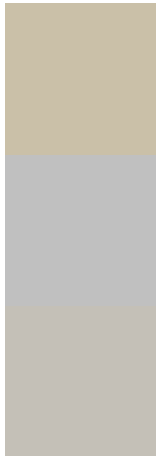
Original Color
78, 13.367, 92.057

Protanomaly
78, 13.367, 92.057

Deuteranomaly
78, 14.434, 64.272

Tritanomaly
78, 6.014, 14.721

Monochromacy



Original Color
78, 13.367, 92.057

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.020, 92.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 13.367, 92.057 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(202, 192, 168)` looks like.

```
.text, #text, p{  
    color:rgb(202, 192, 168)  
}
```

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(202, 192, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 192, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 13.367, 92.057 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(202, 192, 168) }
```

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

```
.border{ border-color:rgb(202, 192, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 192, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 192, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 192, 168);  
box-shadow:4px 4px 4px 4px rgb(202, 192,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 13.367, 92.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 192, 168) }
```

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

```
.background{ background-color: rgb(202,  
192, 168) }
```

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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