

Converting Colors

CIELCh(78, 8.959, 36.270)

Have a look what the booklet for
CIELCh(78, 8.959, 36.270) contains.

CIELCh(78, 9.166, 36.870)	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, 9.166, 36.870)

Conversions

Conversions Part 1

Format	Color
Hex	D3BCB7
RGB	211, 188, 183
RGB Percent	83%, 74%, 72%
CMY	0.1727, 0.2629, 0.2825
CMYK	0.00, 0.11, 0.13, 0.17
HSL	11°, 24%, 77%
HSV	11°, 13%, 83%
XYZ	53.3724, 53.2120, 52.2385
YIQ	194.3070, 15.3130, 3.3210

Conversions

Conversions Part 2

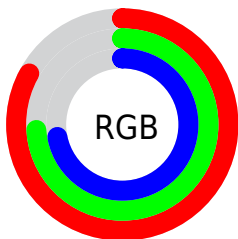
Format	Color
R _Y B	211, 189, 183
Decimal	13876407
CIE Lab	78.00, 7.33, 5.50
CIE LCh	78, 9.166, 36.870
Yxy	53.2120, 0.3360, 0.3350
Android (android.graphics.Color)	4292066487 (0xFFD3BCB7)
YUV	194.3070, -5.5744, 14.6398
Hunter-Lab	72.9466, 2.9456, 8.6039

Details

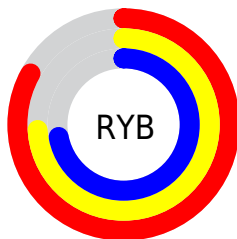
The CIELCh color $78, 9.166, 36.870$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 8.412, 217.381$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 4.670, 52.533$, and $58, 9.039, 38.346$ is the 20% darker color. If you saturate the color by 10%, you get $73, 16.756, 36.976$, and if you desaturate by 10%, it is $83, 2.167, 36.739$.

Distribution



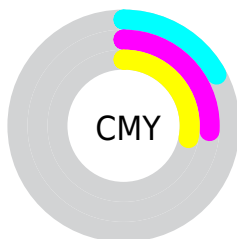
- Red (83%)
- Green (74%)
- Blue (72%)



- Red (83%)
- Yellow (74%)
- Blue (72%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (17%)




- Cyan (17%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 9.166, 36.870 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, 9.166, 36.870 by changing the saturation by 10% instead.

 78, 9.166, 36.870  78, 9.166, 36.870

 100, 9.166, 36.870  68, 9.166, 36.870

 98, 9.166, 36.870  58, 9.166, 36.870

 48, 9.166, 36.870

 38, 9.166, 36.870

 28, 9.166, 36.870

 18, 9.166, 36.870

 8, 9.166, 36.870

 0, 9.166, 36.870

 78, 9.166, 36.870

 78, 9.166, 36.870

73, 16.756, 36.976

83, 2.167, 36.739

68, 24.982, 37.205

88, 4.291, 217.280

64, 33.861, 37.626

93, 10.265,
217.412

60, 43.364, 38.282

97, 14.695,
198.527

56, 53.392, 39.203

52, 63.703, 40.364

49, 73.770, 41.595

47, 82.422, 42.405

46, 86.994, 42.687

Harmonies

Complementary

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



78, 9.166, 36.870



81, 8.412, 217.381

Rectangle

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



78, 9.166, 36.870



78, 9.166, 86.870



78, 9.166, 216.870



78, 9.166, 266.870

Sweetspot

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



78, 9.165, 36.885



98, 3.101, 36.783



77, 16.188, 330.178



52, 2.211, 36.810



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, 9.165, 36.885



91, 13.044, 36.901



81, 10.474, 89.446



41, 3.828, 36.867



37, 73.153, 43.032



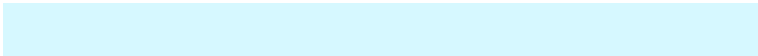
6, 17.988, 29.140

Inverse Universe

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



81, 8.412, 217.381



95, 11.731, 217.461



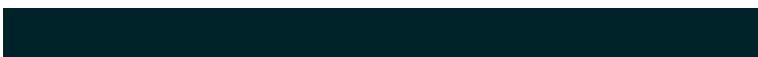
78, 10.453, 272.933



43, 3.608, 217.303



53, 31.939, 230.643



11, 12.228, 223.173

Previews

White Background



This preview shows how the CIELCh color 78, 9.166, 36.870 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, 9.166, 36.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

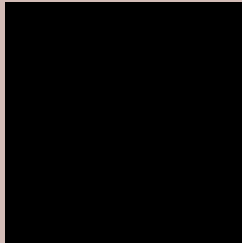
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 9.166, 36.870

Background



This preview shows how black text looks on a background with the CIELCh color 78, 9.166, 36.870.



This preview shows how white text looks on a background with the CIELCh color 78, 9.166, 36.870.

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, 9.166, 36.870

Protanopia

78, 4.344, 78.577

Deuteranopia

78, 11.207, 28.413



Tritanopia
78, 13.113, 342.824

Trichromacy



Original Color
78, 9.166, 36.870

Protanomaly
78, 5.861, 59.106

Deuteranomaly
78, 10.539, 31.790

Tritanomaly
78, 10.618, 356.569

Monochromacy



Original Color
78, 9.166, 36.870

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.155, 39.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 9.166, 36.870 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(211, 188, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 188, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 9.166, 36.870 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, 183) }
```

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

```
.border{ border-color:rgb(211, 188, 183) }
```

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, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 188, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 188, 183);  
box-shadow:4px 4px 4px 4px rgb(211, 188,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 9.166, 36.870 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, 183) }
```

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

```
.background{ background-color: rgb(211,  
188, 183) }
```

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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