

Converting Colors

CIELCh(76, 24.150, 354.629)

Have a look what the booklet for
CIELCh(76, 24.150, 354.629)
contains.

CIELCh(76, 23.928, 355.111)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 23.928, 355.111)

Conversions

Conversions Part 1

Format	Color
Hex	E5ACC0
RGB	229, 172, 192
RGB Percent	90%, 67%, 75%
CMY	0.1025, 0.3260, 0.2476
CMYK	0.00, 0.25, 0.16, 0.10
HSL	339°, 52%, 79%
HSV	339°, 25%, 90%
XYZ	56.4929, 49.8872, 56.4408
YIQ	191.3230, 27.5520, 18.3040

Conversions

Conversions Part 2

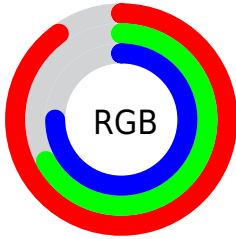
Format	Color
R _Y B	229, 172, 192
Decimal	15051968
CIE Lab	76.00, 23.84, -2.04
CIE LCh	76, 23.928, 355.111
Yxy	49.8872, 0.3470, 0.3064
Android (android.graphics.Color)	4293242048 (0xFFE5ACC0)
YUV	191.3230, 0.3338, 33.0427
Hunter-Lab	70.6309, 19.1660, 2.0633

Details

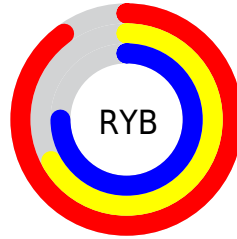
The CIELCh color **76, 23.928, 355.111** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87, 22.525, 170.127**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.085, 333.365**, and **56, 24.261, 354.554** is the 20% darker color. If you saturate the color by 10%, you get **70, 33.880, 356.467**, and if you desaturate by 10%, it is **82, 14.103, 353.948**.

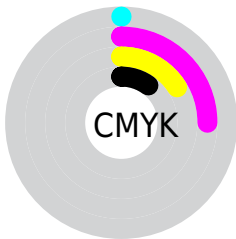
Distribution



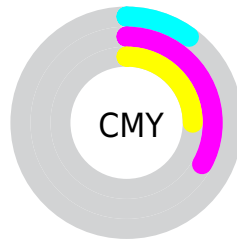
- Red (90%)
- Green (67%)
- Blue (75%)



- Red (90%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (10%)





- Cyan (10%)
- Magenta (33%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 23.928, 355.111 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 76, 23.928, 355.111 by changing the saturation by 10% instead.


 76, 23.928,
355.111


 76, 23.928,
355.111


 100, 23.928,
355.111


 66, 23.928,
355.111


 96, 23.928,
355.111

 56, 23.928,
355.111

 46, 23.928,
355.111

 36, 23.928,
355.111

 26, 23.928,
355.111

 16, 23.928,
355.111

 6, 23.928, 355.111

0, 23.928, 355.111

76, 23.928,
355.111

76, 23.928,
355.111

70, 33.880,
356.467

82, 14.103,
353.948

65, 43.727,
358.082

88, 4.558, 352.871

60, 53.113, 0.054

94, 4.634, 172.209

56, 61.584, 2.517

98, 9.192, 186.979

53, 68.671, 5.639

98, 8.900, 198.917

50, 74.053, 9.599

49, 77.780, 14.508

■ 49, 79.386, 17.240

Harmonies

Complementary

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



76, 23.928, 355.111



87, 22.525, 170.127

Rectangle

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



76, 23.928, 355.111



76, 23.928, 45.111



76, 23.928, 175.111



76, 23.928, 225.111

Sweetspot

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



76, 23.925, 355.114



95, 7.133, 353.109



75, 33.315, 314.660



50, 4.640, 353.174



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 23.925, 355.114



81, 31.662, 355.801



77, 19.925, 32.580



45, 5.337, 353.366



38, 65.680, 16.242



7, 26.743, 5.502

Inverse Universe

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



76, 23.925, 355.114



81, 31.662, 355.801



85, 16.744, 212.244



45, 5.337, 353.366



38, 65.680, 16.242



7, 26.743, 5.502

Previews

White Background



This preview shows how the CIELCh color 76, 23.928, 355.111 looks on a white background.

Color Contrast Check

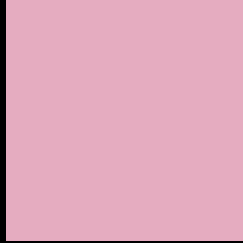
Large Text (above 18pt) WCAG AA × Fail

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 76, 23.928, 355.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

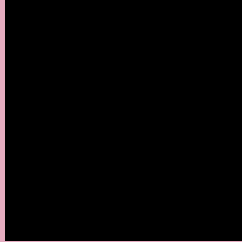
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 23.928, 355.111

Background



This preview shows how black text looks on a background with the CIELCh color 76, 23.928, 355.111.



This preview shows how white text looks on a background with the CIELCh color 76, 23.928, 355.111.

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
76, 23.928, 355.111

Protanopia
76, 7.540, 290.886

Deuteranopia
76, 9.632, 353.743



Tritanopia
76, 22.047, 3.087

Trichromacy



Original Color
76, 23.928, 355.111

Protanomaly
76, 12.017, 330.812

Deuteranomaly
76, 15.205, 353.477

Tritanomaly
76, 22.324, 0.441

Monochromacy



Original Color
76, 23.928, 355.111

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 8.710, 354.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 23.928, 355.111 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(229, 172, 192)` looks like.

```
.text, #text, p{  
    color:rgb(229, 172, 192)  
}
```

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(229, 172, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 172, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 23.928, 355.111 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(229, 172, 192) }
```

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

```
.border{ border-color:rgb(229, 172, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 172, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 172, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 172, 192);  
box-shadow:4px 4px 4px 4px rgb(229, 172,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 23.928, 355.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 172, 192) }
```

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

```
.background{ background-color: rgb(229,  
172, 192) }
```

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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