

Converting Colors

CIELCh(76, 8.149, 238.709)

Have a look what the booklet for
CIELCh(76, 8.149, 238.709) contains.

CIELCh(76, 8.219, 240.136)	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, 8.219, 240.136)

Conversions

Conversions Part 1

Format	Color
Hex	ACBEC8
RGB	172, 190, 200
RGB Percent	67%, 75%, 78%
CMY	0.3247, 0.2541, 0.2149
CMYK	0.14, 0.05, 0.00, 0.21
HSL	201°, 20%, 73%
HSV	201°, 14%, 79%
XYZ	45.9634, 49.8872, 61.9751
YIQ	185.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

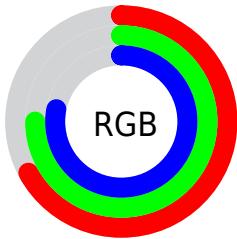
Format	Color
R_{YB}	172, 183, 200
Decimal	11321032
CIE _{Lab}	76.00, -4.09, -7.13
CIE _{LCh}	76, 8.219, 240.136
Yxy	49.8872, 0.2912, 0.3161
Android (android.graphics.Color)	4289511112 (0xFFACBEC8)
YUV	185.7580, 7.0213, -12.0658
Hunter-Lab	70.6309, -7.4445, -2.5824

Details

The CIELCh color $76, 8.219, 240.136$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 8.787, 57.373$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 7.582, 236.737$, and $56, 8.289, 237.508$ is the 20% darker color. If you saturate the color by 10%, you get $73, 13.820, 241.413$, and if you desaturate by 10%, it is $79, 2.385, 239.200$.

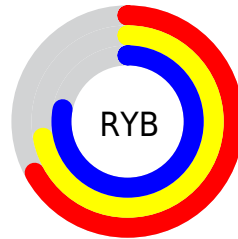
Distribution



Red (67%)

Green (75%)

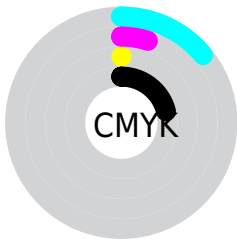
Blue (78%)



Red (67%)

Yellow (72%)

Blue (78%)

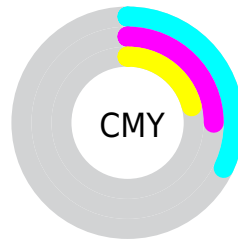


Cyan (14%)

Magenta (5%)

Yellow (0%)

Black (21%)



Cyan (32%)

Magenta (25%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.219, 240.136 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, 8.219, 240.136 by changing the saturation by 10% instead.

■ 76, 8.219, 240.136

■ 76, 8.219, 240.136

■ 100, 8.219,
240.136

■ 66, 8.219, 240.136

■ 96, 8.219, 240.136

■ 56, 8.219, 240.136

■ 46, 8.219, 240.136

■ 36, 8.219, 240.136

■ 26, 8.219, 240.136

■ 16, 8.219, 240.136

■ 6, 8.219, 240.136

■ 0, 8.219, 240.136

■ 76, 8.219, 240.136

■ 76, 8.219, 240.136

73, 13.820,
241.413

79, 2.385, 239.200

70, 19.131,
243.027

83, 3.630, 58.005

86, 9.781, 57.378

66, 24.099,
245.028

90, 16.027, 56.813

63, 28.677,
247.497

92, 17.336, 69.487

93, 18.855, 82.627

61, 32.843,
250.516

95, 21.200, 93.258

58, 36.613,
254.153

97, 24.119,
101.467

55, 40.059,
258.430

99, 27.412,
107.732

53, 43.314,
263.283

52, 45.293,

Harmonies

Complementary

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



76, 8.219, 240.136



75, 8.787, 57.373

Rectangle

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



76, 8.219, 240.136



76, 8.219, 290.136



76, 8.219, 60.136



76, 8.219, 110.136

Sweetspot

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



76, 8.219, 240.124



98, 2.911, 239.204



78, 14.249, 155.353



52, 2.066, 239.247



0, 0.000, 0.000



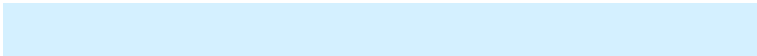
53, 0.007, 296.813

Same Dimension

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



76, 8.219, 240.124



93, 12.083, 240.510



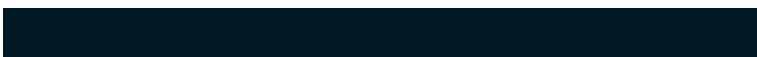
72, 13.008, 284.919



40, 3.341, 239.633



42, 38.531, 265.451



7, 11.928, 253.918

Inverse Universe

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



73, 14.297, 337.687



89, 21.194, 337.944



79, 12.744, 101.717



39, 5.744, 337.326



36, 64.032, 349.037



4, 19.634, 344.111

Previews

White Background



This preview shows how the CIELCh color 76, 8.219, 240.136 looks on a white background.

Color Contrast Check

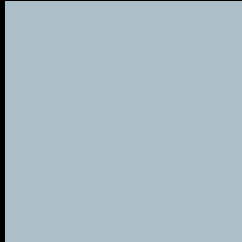
Large Text (above 18pt) WCAG AA × Fail

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 76, 8.219, 240.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

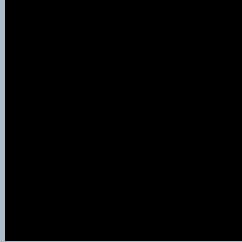
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

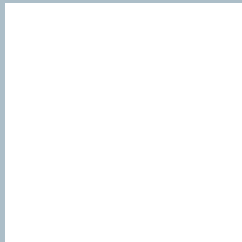
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 8.219, 240.136

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.219, 240.136.



This preview shows how white text looks on a background with the CIELCh color 76, 8.219, 240.136.

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

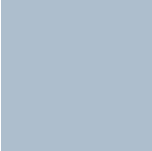
76, 8.219, 240.136

Protanopia

76, 6.486, 293.980

Deuteranopia

76, 12.304, 319.229



Tritanopia
76, 9.892, 254.073

Trichromacy



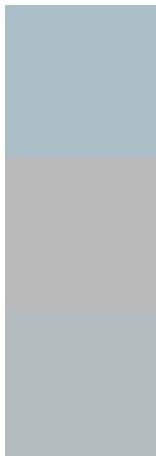
Original Color
76, 8.219, 240.136

Protanomaly
76, 6.262, 270.677

Deuteranomaly
76, 8.770, 300.416

Tritanomaly
76, 9.075, 249.770

Monochromacy



Original Color
76, 8.219, 240.136

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.996, 232.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 8.219, 240.136 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(172, 190, 200)` looks like.

```
.text, #text, p{  
    color:rgb(172, 190, 200)  
}
```

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(172, 190, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 190, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.219, 240.136 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(172, 190, 200) }
```

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

```
.border{ border-color:rgb(172, 190, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 190, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 190, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 190, 200); box-shadow:4px 4px 4px 4px rgb(172, 190, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.219, 240.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 190, 200) }
```

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

```
.background{ background-color: rgb(172,  
190, 200) }
```

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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