

Converting Colors

CIELCh(76, 11.208, 246.681)

Have a look what the booklet for
CIELCh(76, 11.208, 246.681)
contains.

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Color

CIELCh(76, 11.165, 245.512)

Conversions

Conversions Part 1

Format	Color
Hex	A8BFCE
RGB	168, 191, 206
RGB Percent	66%, 75%, 81%
CMY	0.3422, 0.2520, 0.1932
CMYK	0.18, 0.07, 0.00, 0.19
HSL	204°, 28%, 73%
HSV	204°, 18%, 81%
XYZ	45.7755, 49.8872, 65.4401
YIQ	185.8330, -18.5230, -0.2110

Conversions

Conversions Part 2

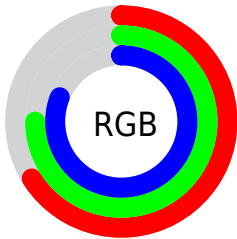
Format	Color
R _Y B	168, 182, 206
Decimal	11059150
CIE Lab	76.00, -4.63, -10.16
CIE LCh	76, 11.165, 245.512
Yxy	49.8872, 0.2841, 0.3097
Android (android.graphics.Color)	4289249230 (0xFFA8BFCE)
YUV	185.8330, 9.9423, -15.6395
Hunter-Lab	70.6309, -7.9192, -5.4910

Details

The CIELCh color `76, 11.165, 245.512` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 12.098, 61.379`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 8.714, 227.189`, and `56, 11.305, 244.195` is the 20% darker color. If you saturate the color by 10%, you get `72, 16.914, 247.073`, and if you desaturate by 10%, it is `80, 5.196, 244.252`.

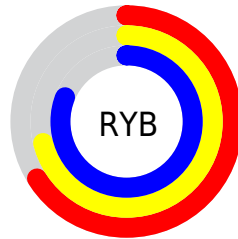
Distribution



Red (66%)

Green (75%)

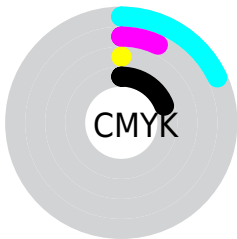
Blue (81%)



Red (66%)

Yellow (71%)

Blue (81%)

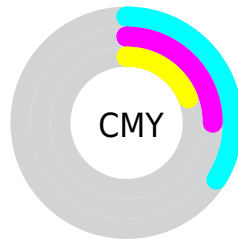


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (19%)



Cyan (34%)


Magenta (25%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.165, 245.512 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, 11.165, 245.512 by changing the saturation by 10% instead.


 76, 11.165,
245.512


 76, 11.165,
245.512


 100, 11.165,
245.512


 66, 11.165,
245.512


 96, 11.165,
245.512

 56, 11.165,
245.512

 46, 11.165,
245.512

 36, 11.165,
245.512

 26, 11.165,
245.512

 16, 11.165,
245.512

 6, 11.165, 245.512

0, 11.165, 245.512

76, 11.165,
245.512

76, 11.165,
245.512

72, 16.914,
247.073

80, 5.196, 244.252

69, 22.395,
249.000

83, 0.945, 62.610

66, 27.566,
251.356

87, 7.215, 62.143

62, 32.400,
254.217

91, 13.575, 61.432

93, 15.928, 75.058

59, 36.903,
257.651

95, 18.206, 90.071

97, 21.426,
101.057

56, 41.126,
261.689

99, 24.866,

■ 54, 45.176,
266.293

108.291

■ 51, 49.223,
271.266

■ 51, 49.867,
272.002

Harmonies

Complementary

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



76, 11.165, 245.512



76, 12.098, 61.379

Rectangle

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



76, 11.165, 245.512



76, 11.165, 295.512



76, 11.165, 65.512



76, 11.165, 115.512

Sweetspot

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



76, 11.164, 245.504



97, 4.398, 244.011



79, 18.767, 156.410



52, 2.914, 244.074



0, 0.000, 0.000



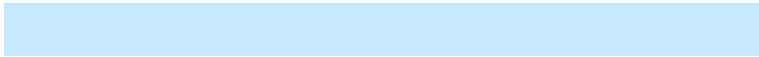
53, 0.007, 296.813

Same Dimension

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



76, 11.164, 245.504



91, 15.733, 246.063



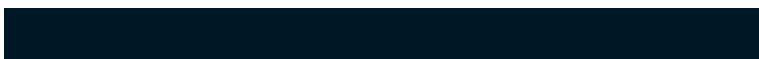
71, 18.364, 287.211



41, 3.452, 244.353



41, 41.955, 271.153



7, 13.271, 259.423

Inverse Universe

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



73, 18.860, 339.799



86, 26.801, 340.127



81, 17.803, 103.011



40, 5.712, 339.048



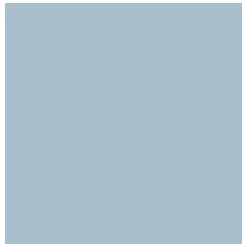
36, 63.547, 352.167



4, 21.193, 346.793

Previews

White Background



This preview shows how the CIELCh color 76, 11.165, 245.512 looks on a white background.

Color Contrast Check

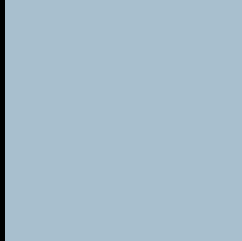
Large Text (above 18pt) WCAG AA × Fail

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, 11.165, 245.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

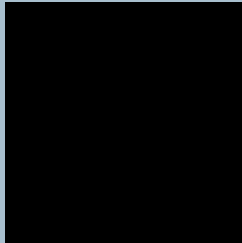
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

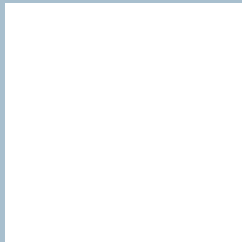
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.165, 245.512

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.165, 245.512.



This preview shows how white text looks on a background with the CIELCh color 76, 11.165, 245.512.

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, 11.165, 245.512

Protanopia

76, 9.163, 291.036

Deuteranopia

76, 14.956, 310.939



Tritanopia
76, 11.165, 245.512

Trichromacy



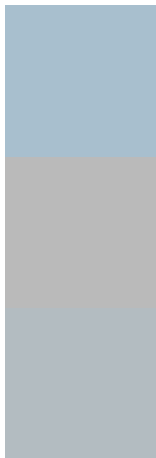
Original Color
76, 11.165, 245.512

Protanomaly
76, 9.115, 270.612

Deuteranomaly
76, 11.877, 292.988

Tritanomaly
76, 11.165, 245.512

Monochromacy



Original Color
76, 11.165, 245.512

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.186, 239.444

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.165, 245.512 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(168, 191, 206)` looks like.

```
.text, #text, p{  
    color:rgb(168, 191, 206)  
}
```

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(168, 191, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 191, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.165, 245.512 is called "border". The border property can be set on classes, ids or directly on the HTML element.

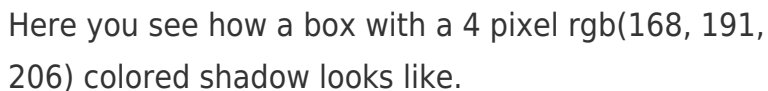
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 191, 206) }
```

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

```
.border{ border-color:rgb(168, 191, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 191, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 191, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 191, 206); box-shadow:4px 4px 4px 4px rgb(168, 191, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.165, 245.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 191, 206) }
```

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

```
.background{ background-color: rgb(168,  
191, 206) }
```

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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