

Converting Colors

CIELCh(76, 12.935, 245.647)

Have a look what the booklet for
CIELCh(76, 12.935, 245.647)
contains.

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Color

CIELCh(76, 13.155, 246.634)

Conversions

Conversions Part 1

Format	Color
Hex	A4BFD1
RGB	164, 191, 209
RGB Percent	64%, 75%, 82%
CMY	0.3560, 0.2501, 0.1795
CMYK	0.22, 0.09, 0.00, 0.18
HSL	204°, 33%, 73%
HSV	204°, 22%, 82%
XYZ	45.5693, 49.8872, 67.6934
YIQ	184.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

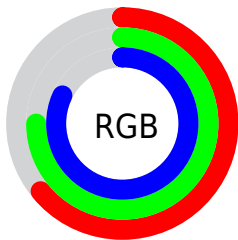
Format	Color
RYB	164, 181, 209
Decimal	10797009
CIELab	76.00, -5.22, -12.08
CIElCh	76, 13.155, 246.634
Yxy	49.8872, 0.2793, 0.3058
Android (android.graphics.Color)	4288987089 (0xFFA4BFD1)
YUV	184.9790, 11.8424, -18.3986
Hunter-Lab	70.6309, -8.4403, -7.3826

Details

The CIELCh color **76, 13.155, 246.634** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 14.442, 61.695**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.185, 222.760**, and **56, 13.346, 245.879** is the 20% darker color. If you saturate the color by 10%, you get **72, 18.932, 248.319**, and if you desaturate by 10%, it is **80, 7.146, 245.260**.

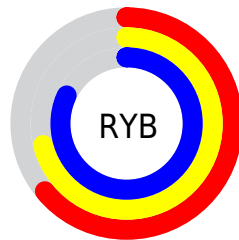
Distribution



Red (64%)

Green (75%)

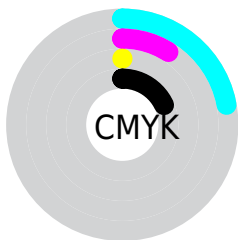
Blue (82%)



Red (64%)

Yellow (71%)

Blue (82%)

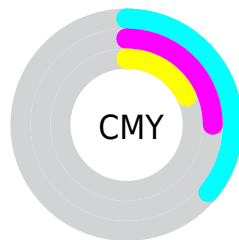


Cyan (22%)

Magenta (9%)

Yellow (0%)

Black (18%)



Cyan (36%)


Magenta (25%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 13.155, 246.634 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, 13.155, 246.634 by changing the saturation by 10% instead.


 76, 13.155,
246.634


 76, 13.155,
246.634


 100, 13.155,
246.634


 66, 13.155,
246.634


 96, 13.155,
246.634


 56, 13.155,
246.634

 46, 13.155,
246.634

 36, 13.155,
246.634

 26, 13.155,
246.634

 16, 13.155,
246.634

 6, 13.155, 246.634

0, 13.155, 246.634

76, 13.155,
246.634

76, 13.155,
246.634

72, 18.932,
248.319

80, 7.146, 245.260

69, 24.431,
250.389

83, 0.954, 244.525

87, 5.376, 63.005

66, 29.615,
252.912

91, 11.805, 62.255

62, 34.467,
255.963

94, 14.766, 75.346

96, 17.207, 91.715

59, 39.006,
259.599

98, 20.664,
103.203

56, 43.303,
263.832

99, 23.118,

■ 53, 47.483,
268.590

108.425

■ 51, 51.092,
272.800

Harmonies

Complementary

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



76, 13.155, 246.634



76, 14.442, 61.695

Rectangle

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



76, 13.155, 246.634



76, 13.155, 296.634



76, 13.155, 66.634



76, 13.155, 116.634

Sweetspot

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



76, 13.154, 246.628



97, 4.407, 244.663



80, 22.159, 156.129



52, 2.920, 244.727



0, 0.000, 0.000



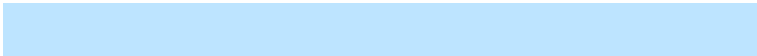
53, 0.007, 296.813

Same Dimension

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



76, 13.154, 246.628



89, 18.518, 247.394



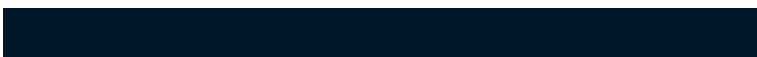
70, 21.804, 287.647



42, 3.531, 245.013



41, 42.922, 271.962



8, 14.139, 260.430

Inverse Universe

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



72, 22.229, 340.320



84, 31.606, 340.748



82, 21.020, 102.678



41, 5.807, 339.301



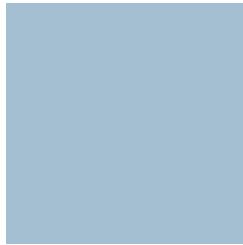
37, 64.099, 352.658



5, 23.042, 347.291

Previews

White Background



This preview shows how the CIELCh color 76, 13.155, 246.634 looks on a white background.

Color Contrast Check

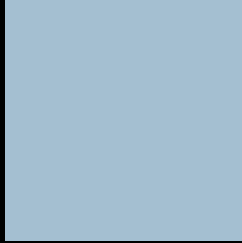
Large Text (above 18pt) WCAG AA × Fail

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, 13.155, 246.634 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

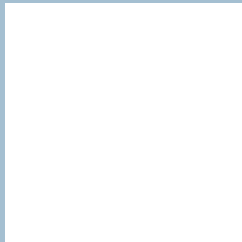
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 13.155, 246.634

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.155, 246.634.



This preview shows how white text looks on a background with the CIELCh color 76, 13.155, 246.634.

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, 13.155, 246.634

Protanopia

76, 10.778, 289.305

Deuteranopia

76, 16.280, 306.694



Tritanopia
76, 12.347, 239.890

Trichromacy



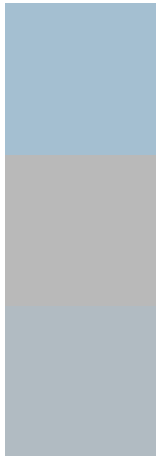
Original Color
76, 13.155, 246.634

Protanomaly
76, 10.842, 270.385

Deuteranomaly
76, 13.489, 288.468

Tritanomaly
76, 12.673, 241.886

Monochromacy



Original Color
76, 13.155, 246.634

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 5.163, 246.382

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.155, 246.634 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(164, 191, 209)` looks like.

```
.text, #text, p{  
    color:rgb(164, 191, 209)  
}
```

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(164, 191, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 191, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.155, 246.634 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(164, 191, 209) }
```

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

```
.border{ border-color:rgb(164, 191, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 191, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 191, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 191, 209);  
box-shadow:4px 4px 4px 4px rgb(164, 191,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.155, 246.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 191, 209) }
```

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

```
.background{ background-color: rgb(164,  
191, 209) }
```

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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