

Converting Colors

CIELCh(76, 12.843, 277.505)

Have a look what the booklet for
CIELCh(76, 12.843, 277.505)
contains.

CIELCh(76, 13.227, 277.755)	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, 13.227, 277.755)

Conversions

Conversions Part 1

Format	Color
Hex	B2BBD3
RGB	178, 187, 211
RGB Percent	70%, 73%, 83%
CMY	0.3008, 0.2655, 0.1713
CMYK	0.16, 0.11, 0.00, 0.17
HSL	224°, 27%, 76%
HSV	224°, 16%, 83%
XYZ	48.0595, 49.8872, 68.9261
YIQ	187.0450, -13.0680, 5.5560

Conversions

Conversions Part 2

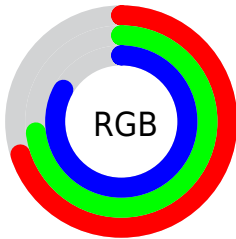
Format	Color
RYB	178, 185, 211
Decimal	11713491
CIELab	76.00, 1.78, -13.11
CIElCh	76, 13.227, 277.755
Yxy	49.8872, 0.2880, 0.2990
Android (android.graphics.Color)	4289903571 (0xFFB2BBD3)
YUV	187.0450, 11.8098, -7.9325
Hunter-Lab	70.6309, -2.1471, -8.4173

Details

The CIELCh color $76, 13.227, 277.755$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 13.130, 93.767$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.832, 263.893$, and $56, 12.929, 277.105$ is the 20% darker color. If you saturate the color by 10%, you get $70, 21.939, 279.352$, and if you desaturate by 10%, it is $82, 4.711, 276.401$.

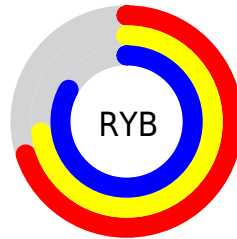
Distribution



Red (70%)

Green (73%)

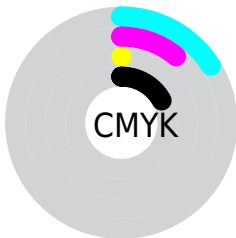
Blue (83%)



Red (70%)

Yellow (73%)

Blue (83%)

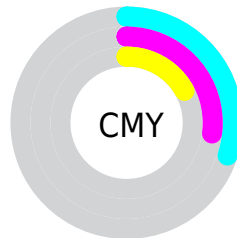


Cyan (16%)

Magenta (11%)

Yellow (0%)

Black (17%)



Cyan (30%)


Magenta (27%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 13.227, 277.755 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, 13.227, 277.755 by changing the saturation by 10% instead.


 76, 13.227,
277.755


 76, 13.227,
277.755


 100, 13.227,
277.755


 66, 13.227,
277.755


 96, 13.227,
277.755

 56, 13.227,
277.755

 46, 13.227,
277.755

 36, 13.227,
277.755

 26, 13.227,
277.755

 16, 13.227,
277.755

 6, 13.227, 277.755

0, 13.227, 277.755

76, 13.227,
277.755

76, 13.227,
277.755

70, 21.939,
279.352

82, 4.711, 276.401

87, 3.615, 95.113

65, 30.867,
281.228

93, 11.759, 94.128

59, 40.035,
283.418

97, 19.154,
101.755

54, 49.472,
285.950

99, 22.072,
108.505

49, 59.208,
288.826

44, 69.234,
291.996

■ 39, 79.433,
295.333

■ 35, 89.472,
298.620

■ 33, 93.691,
299.922

Harmonies

Complementary

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



76, 13.227, 277.755



82, 13.130, 93.767

Rectangle

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



76, 13.227, 277.755



76, 13.227, 327.755



76, 13.227, 97.755



76, 13.227, 147.755

Sweetspot

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



76, 13.226, 277.750



97, 4.880, 276.334



82, 12.801, 175.698



51, 3.331, 276.418



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, 13.226, 277.750



88, 18.812, 278.295



74, 18.113, 299.763



41, 4.732, 276.880



26, 77.853, 299.410



4, 20.823, 285.608

Inverse Universe

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



76, 13.363, 359.396



87, 19.071, 359.814



83, 17.530, 117.604



41, 4.749, 358.709



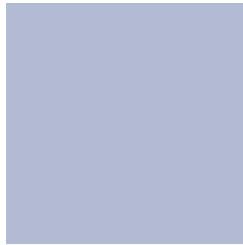
35, 64.963, 23.093



4, 20.401, 6.886

Previews

White Background



This preview shows how the CIELCh color 76, 13.227, 277.755 looks on a white background.

Color Contrast Check

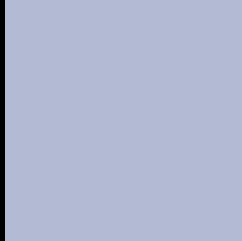
Large Text (above 18pt) WCAG AA × Fail

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, 13.227, 277.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

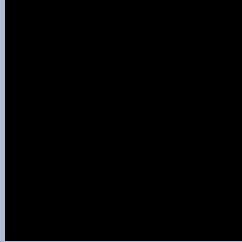
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

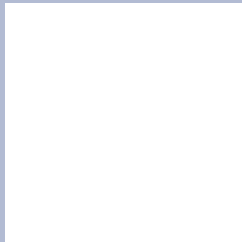
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 13.227, 277.755

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.227, 277.755.



This preview shows how white text looks on a background with the CIELCh color 76, 13.227, 277.755.

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, 13.227, 277.755

Protanopia

76, 12.938, 288.281

Deuteranopia

76, 16.799, 306.231



Tritanopia
76, 9.021, 263.039

Trichromacy



Original Color
76, 13.227, 277.755

Protanomaly
76, 12.981, 285.212

Deuteranomaly
76, 15.196, 296.860

Tritanomaly
76, 10.842, 270.385

Monochromacy



Original Color
76, 13.227, 277.755

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.953, 278.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.227, 277.755 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(178, 187, 211)` looks like.

```
.text, #text, p{  
    color:rgb(178, 187, 211)  
}
```

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(178, 187, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 187, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.227, 277.755 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(178, 187, 211) }
```

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

```
.border{ border-color:rgb(178, 187, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 187, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 187, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 187, 211);  
box-shadow:4px 4px 4px 4px rgb(178, 187,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.227, 277.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 187, 211) }
```

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

```
.background{ background-color: rgb(178,  
187, 211) }
```

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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