

Converting Colors

CIELCh(77, 14.385, 247.089)

Have a look what the booklet for
CIELCh(77, 14.385, 247.089)
contains.

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Color

CIELCh(77, 14.295, 247.887)

Conversions

Conversions Part 1

Format	Color
Hex	A5C2D6
RGB	165, 194, 214
RGB Percent	65%, 76%, 84%
CMY	0.3523, 0.2386, 0.1602
CMYK	0.23, 0.09, 0.00, 0.16
HSL	204°, 37%, 74%
HSV	204°, 23%, 84%
XYZ	47.0333, 51.5317, 71.1921
YIQ	187.6090, -23.7040, 0.0720

Conversions

Conversions Part 2

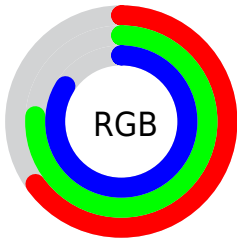
Format	Color
RYB	165, 183, 214
Decimal	10863318
CIELab	77.00, -5.38, -13.24
CIElCh	77, 14.295, 247.887
Yxy	51.5317, 0.2771, 0.3036
Android (android.graphics.Color)	4289053398 (0xFFA5C2D6)
YUV	187.6090, 13.0108, -19.8281
Hunter-Lab	71.7856, -8.6733, -8.5498

Details

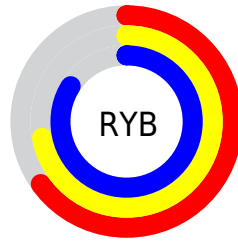
The CIELCh color $77, 14.295, 247.887$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $77, 15.752, 62.486$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 10.056, 213.672$, and $57, 14.308, 248.411$ is the 20% darker color. If you saturate the color by 10%, you get $73, 20.191, 249.649$, and if you desaturate by 10%, it is $81, 8.166, 246.444$.

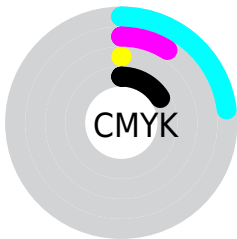
Distribution



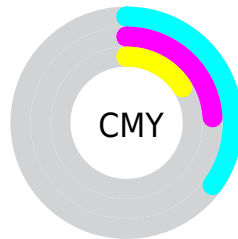
- Red (65%)
- Green (76%)
- Blue (84%)



- Red (65%)
- Yellow (72%)
- Blue (84%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (35%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 14.295, 247.887 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 77, 14.295, 247.887 by changing the saturation by 10% instead.

■ 77, 14.295,
247.887

■ 77, 14.295,
247.887

■ 100, 14.295,
247.887

■ 67, 14.295,
247.887

■ 97, 14.295,
247.887

■ 57, 14.295,
247.887

■ 47, 14.295,
247.887

■ 37, 14.295,
247.887

■ 27, 14.295,
247.887

■ 17, 14.295,
247.887

■ 7, 14.295, 247.887

0, 14.295, 247.887

77, 14.295,
247.887

77, 14.295,
247.887

73, 20.191,
249.649

81, 8.166, 246.444

70, 25.812,
251.807

85, 1.853, 245.430

66, 31.123,
254.429

88, 4.599, 64.080

63, 36.113,
257.586

92, 11.151, 63.302

60, 40.813,
261.330

95, 13.706, 81.500

57, 45.303,
265.656

97, 16.787, 98.194

99, 20.639,
108.615

■ 54, 49.718,
270.473

■ 52, 52.934,
273.989

Harmonies

Complementary

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



77, 14.295, 247.887



77, 15.752, 62.486

Rectangle

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



77, 14.295, 247.887



77, 14.295, 297.887



77, 14.295, 67.887



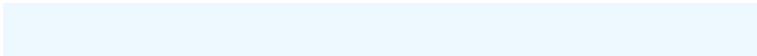
77, 14.295, 117.887

Sweetspot

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



77, 14.294, 247.881



97, 5.152, 245.761



82, 23.711, 156.741



51, 3.345, 245.826



0, 0.000, 0.000



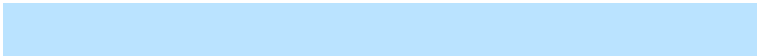
53, 0.007, 296.813

Same Dimension

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



77, 14.294, 247.881



88, 19.293, 248.613



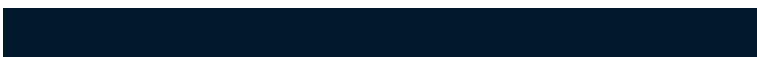
71, 24.147, 288.641



43, 3.615, 246.021



42, 44.160, 273.142



8, 15.007, 261.893

Inverse Universe

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



73, 23.983, 340.845



83, 32.652, 341.248



83, 23.163, 103.384



42, 5.890, 339.692



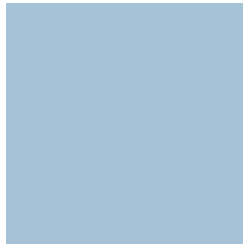
37, 64.572, 353.398



5, 24.666, 347.903

Previews

White Background



This preview shows how the CIELCh color 77, 14.295, 247.887 looks on a white background.

Color Contrast Check

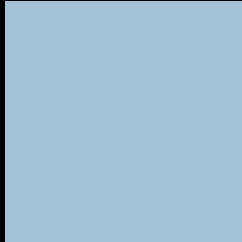
Large Text (above 18pt) WCAG AA × Fail

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 77, 14.295, 247.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

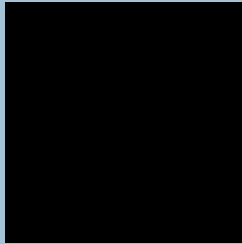
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

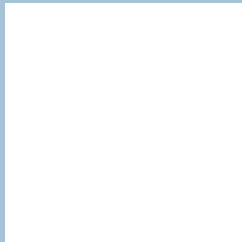
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 14.295, 247.887

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.295, 247.887.



This preview shows how white text looks on a background with the CIELCh color 77, 14.295, 247.887.

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
77, 14.295, 247.887

Protanopia
77, 11.831, 289.569

Deuteranopia
77, 17.185, 304.644



Tritanopia
77, 13.071, 237.019

Trichromacy



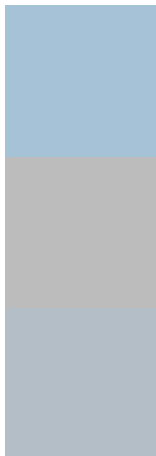
Original Color
77, 14.295, 247.887

Protanomaly
77, 12.331, 273.277

Deuteranomaly
77, 14.535, 287.415

Tritanomaly
77, 13.688, 240.851

Monochromacy



Original Color
77, 14.295, 247.887

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.541, 250.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.295, 247.887 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(165, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(165, 194, 214)  
}
```

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(165, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 194, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.295, 247.887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

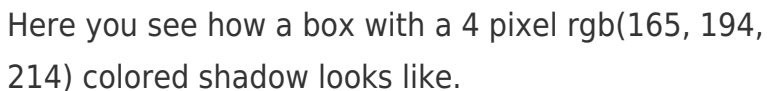
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 194, 214) }
```

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

```
.border{ border-color:rgb(165, 194, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 194, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 194, 214); box-shadow:4px 4px 4px 4px rgb(165, 194, 214) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.295, 247.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 194, 214) }
```

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

```
.background{ background-color: rgb(165,  
194, 214) }
```

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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