

Converting Colors

CIELCh(74, 6.833, 227.530)

Have a look what the booklet for
CIELCh(74, 6.833, 227.530) contains.

CIELCh(74, 6.827, 227.526)	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(74, 6.827, 227.526)

Conversions

Conversions Part 1

Format	Color
Hex	A8B9BF
RGB	168, 185, 191
RGB Percent	66%, 73%, 75%
CMY	0.3417, 0.2750, 0.2515
CMYK	0.12, 0.03, 0.00, 0.25
HSL	196°, 15%, 70%
HSV	196°, 12%, 75%
XYZ	42.8269, 46.7039, 55.9657
YIQ	180.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

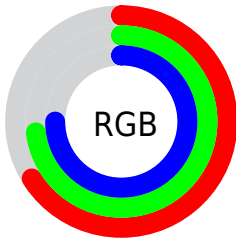
Format	Color
RYB	168, 178, 191
Decimal	11057599
CIELab	74.00, -4.61, -5.04
CIElCh	74, 6.827, 227.526
Yxy	46.7039, 0.2943, 0.3210
Android (android.graphics.Color)	4289247679 (0xFFA8B9BF)
YUV	180.6010, 5.1267, -11.0511
Hunter-Lab	68.3403, -7.7347, -0.7160

Details

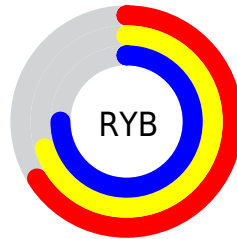
The CIELCh color `74, 6.827, 227.526` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 7.325, 46.100`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 6.843, 226.022`, and `54, 6.859, 229.305` is the 20% darker color. If you saturate the color by 10%, you get `71, 12.171, 228.282`, and if you desaturate by 10%, it is `77, 1.188, 227.251`.

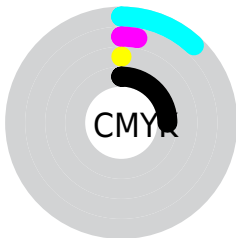
Distribution



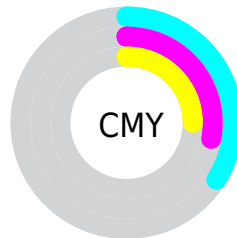
- Red (66%)
- Green (73%)
- Blue (75%)



- Red (66%)
- Yellow (70%)
- Blue (75%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 6.827, 227.526 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 74, 6.827, 227.526 by changing the saturation by 10% instead.

■ 74, 6.827, 227.526

■ 74, 6.827, 227.526

■ 100, 6.827,
227.526

■ 64, 6.827, 227.526

■ 94, 6.827, 227.526

■ 54, 6.827, 227.526

■ 44, 6.827, 227.526

■ 34, 6.827, 227.526

■ 24, 6.827, 227.526

■ 14, 6.827, 227.526

■ 4, 6.827, 227.526

■ 0, 6.827, 227.526

■ 74, 6.827, 227.526

■ 74, 6.827, 227.526

71, 12.171,
228.282

77, 1.188, 227.251

69, 17.148,
229.319

80, 4.680, 46.259

66, 21.680,
230.672

82, 10.721, 45.978

64, 25.697,
232.413

87, 20.196, 49.375

62, 29.140,
234.630

89, 20.025, 58.153

60, 31.983,
237.413

90, 20.335, 66.851

58, 34.251,
240.844

91, 21.102, 75.076

56, 36.037,
244.962

92, 22.275, 82.549

55, 37.285,

248.571

Harmonies

Complementary

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



74, 6.827, 227.526



72, 7.325, 46.100

Rectangle

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



74, 6.827, 227.526



74, 6.827, 277.526



74, 6.827, 47.526



74, 6.827, 97.526

Sweetspot

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



74, 6.827, 227.511



96, 2.850, 227.151



75, 12.706, 151.541



51, 2.038, 227.161



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 6.827, 227.511



93, 9.741, 227.657



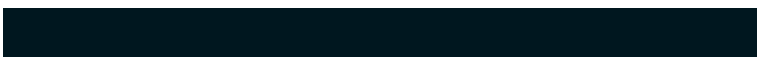
71, 9.599, 278.762



39, 3.202, 227.350



46, 32.291, 247.827



6, 9.513, 239.097

Inverse Universe

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



71, 12.664, 333.511



89, 18.189, 333.663



75, 9.516, 95.799



37, 5.891, 333.323



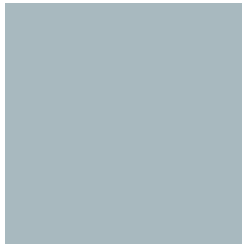
35, 66.421, 341.880



3, 16.647, 337.560

Previews

White Background



This preview shows how the CIELCh color 74, 6.827, 227.526 looks on a white background.

Color Contrast Check

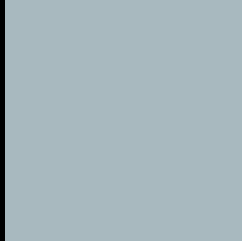
Large Text (above 18pt) WCAG AA × Fail

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 74, 6.827, 227.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

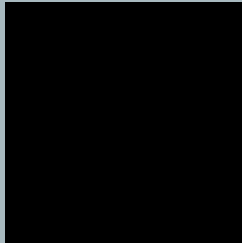
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

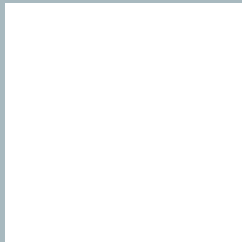
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 6.827, 227.526

Background



This preview shows how black text looks on a background with the CIELCh color 74, 6.827, 227.526.



This preview shows how white text looks on a background with the CIELCh color 74, 6.827, 227.526.

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

74, 6.827, 227.526

Protanopia

74, 3.877, 301.469

Deuteranopia

74, 11.396, 326.461



Tritanopia
74, 9.128, 255.522

Trichromacy



Original Color
74, 6.827, 227.526

Protanomaly
74, 4.178, 264.762

Deuteranomaly
74, 7.311, 305.272

Tritanomaly
74, 7.890, 248.325

Monochromacy



Original Color
74, 6.827, 227.526

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 2.442, 225.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 6.827, 227.526 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, 185, 191)` looks like.

```
.text, #text, p{  
    color:rgb(168, 185, 191)  
}
```

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, 185, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 185, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 6.827, 227.526 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, 185, 191) }
```

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

```
.border{ border-color:rgb(168, 185, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 185, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 185, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 185, 191);  
box-shadow:4px 4px 4px 4px rgb(168, 185,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 6.827, 227.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 185, 191) }
```

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

```
.background{ background-color: rgb(168,  
185, 191) }
```

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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