

Converting Colors

CIELCh(74, 5.575, 256.647)

Have a look what the booklet for
CIELCh(74, 5.575, 256.647) contains.

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Color

CIELCh(74, 5.796, 256.689)

Conversions

Conversions Part 1

Format	Color
Hex	AEB7C0
RGB	174, 183, 192
RGB Percent	68%, 72%, 75%
CMY	0.3174, 0.2821, 0.2468
CMYK	0.09, 0.05, 0.00, 0.25
HSL	210°, 13%, 72%
HSV	210°, 9%, 75%
XYZ	43.9342, 46.7039, 56.6019
YIQ	181.3350, -8.2530, 0.8910

Conversions

Conversions Part 2

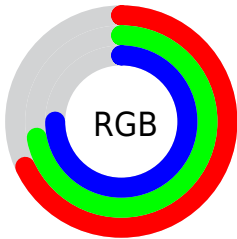
Format	Color
RYB	174, 180, 192
Decimal	11450304
CIELab	74.00, -1.33, -5.64
CIELCh	74, 5.796, 256.689
Yxy	46.7039, 0.2984, 0.3172
Android (android.graphics.Color)	4289640384 (0xFFFAEB7C0)
YUV	181.3350, 5.2578, -6.4328
Hunter-Lab	68.3403, -4.8425, -1.2679

Details

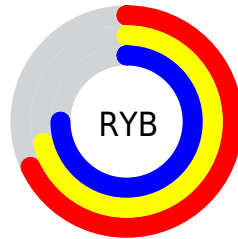
The CIELCh color $74, 5.796, 256.689$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 5.922, 74.212$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 5.530, 256.431$, and $54, 5.951, 260.179$ is the 20% darker color. If you saturate the color by 10%, you get $70, 11.913, 258.159$, and if you desaturate by 10%, it is $78, 0.382, 74.390$.

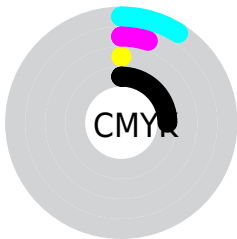
Distribution



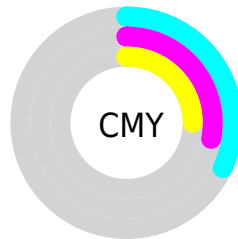
- Red (68%)
- Green (72%)
- Blue (75%)



- Red (68%)
- Yellow (71%)
- Blue (75%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (32%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.796, 256.689 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, 5.796, 256.689 by changing the saturation by 10% instead.

■ 74, 5.796, 256.689

■ 74, 5.796, 256.689

■ 100, 5.796,
256.689

■ 64, 5.796, 256.689

■ 94, 5.796, 256.689

■ 54, 5.796, 256.689

■ 44, 5.796, 256.689

■ 34, 5.796, 256.689

■ 24, 5.796, 256.689

■ 14, 5.796, 256.689

■ 4, 5.796, 256.689

■ 0, 5.796, 256.689

■ 74, 5.796, 256.689

■ 74, 5.796, 256.689

70, 11.913,
258.159

78, 0.382, 74.390

66, 17.949,
259.952

82, 6.593, 74.178

62, 23.879,
262.092

86, 12.818, 73.266

59, 29.693,
264.637

90, 19.039, 72.466

55, 35.393,
267.640

93, 22.104, 83.943

51, 41.011,
271.132

95, 25.391, 95.715

48, 46.608,
275.100

97, 29.478,
104.391

45, 52.275,
279.454

42, 58.117,

283.924

Harmonies

Complementary

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



74, 5.796, 256.689



75, 5.922, 74.212

Rectangle

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



74, 5.796, 256.689



74, 5.796, 306.689



74, 5.796, 76.689



74, 5.796, 126.689

Sweetspot

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



74, 5.795, 256.672



97, 2.308, 255.962



76, 8.352, 162.043



51, 1.748, 256.025



99, 0.012, 296.813



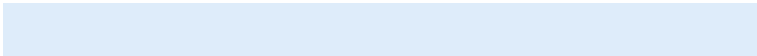
52, 0.007, 296.813

Same Dimension

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



74, 5.795, 256.672



93, 8.414, 256.918



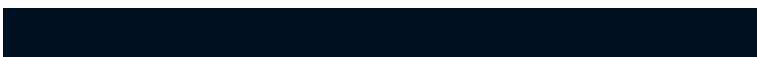
72, 9.654, 290.485



39, 3.531, 256.672



35, 50.573, 283.535



5, 12.819, 269.391

Inverse Universe

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



73, 8.357, 344.373



91, 12.171, 344.539



77, 9.452, 108.598



38, 5.092, 344.373



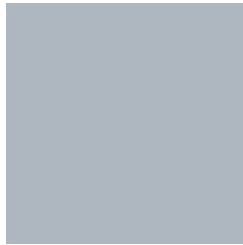
34, 60.044, 1.489



3, 15.832, 352.326

Previews

White Background



This preview shows how the CIELCh color 74, 5.796, 256.689 looks on a white background.

Color Contrast Check

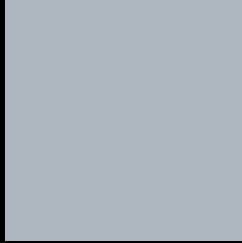
Large Text (above 18pt) WCAG AA × Fail

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, 5.796, 256.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

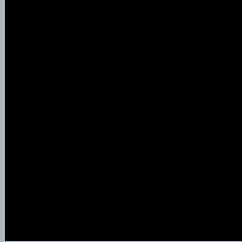
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

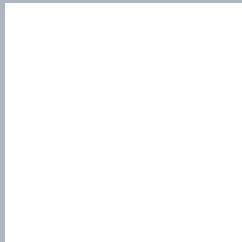
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.796, 256.689

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.796, 256.689.

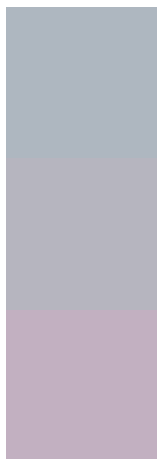


This preview shows how white text looks on a background with the CIELCh color 74, 5.796, 256.689.

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

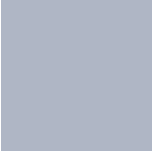
74, 5.796, 256.689

Protanopia

74, 5.438, 294.544

Deuteranopia

74, 11.396, 326.461



Tritanopia
74, 8.448, 273.801

Trichromacy



Original Color
74, 5.796, 256.689

Protanomaly
74, 4.977, 278.021

Deuteranomaly
74, 8.170, 311.810

Tritanomaly
74, 7.426, 271.152

Monochromacy



Original Color
74, 5.796, 256.689

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.177, 247.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.796, 256.689 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(174, 183, 192)` looks like.

```
.text, #text, p{  
    color:rgb(174, 183, 192)  
}
```

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(174, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 183, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.796, 256.689 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(174, 183, 192) }
```

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

```
.border{ border-color:rgb(174, 183, 192) }
```

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

Here you see how a box with a 4 pixel rgb(174, 183, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 183, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 183, 192);  
box-shadow:4px 4px 4px 4px rgb(174, 183,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.796, 256.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 183, 192) }
```

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

```
.background{ background-color: rgb(174,  
183, 192) }
```

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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