

Converting Colors

CIELCh(74, 5.358, 258.351)

Have a look what the booklet for
CIELCh(74, 5.358, 258.351) contains.

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Color

CIELCh(74, 5.160, 256.558)

Conversions

Conversions Part 1

Format	Color
Hex	AFB7BF
RGB	175, 183, 191
RGB Percent	69%, 72%, 75%
CMY	0.3140, 0.2826, 0.2512
CMYK	0.08, 0.04, 0.00, 0.25
HSL	210°, 11%, 72%
HSV	210°, 8%, 75%
XYZ	43.9802, 46.7039, 55.9480
YIQ	181.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

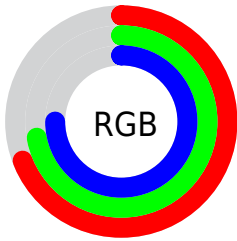
Format	Color
RYB	175, 180, 191
Decimal	11515839
CIELab	74.00, -1.20, -5.02
CIELCh	74, 5.160, 256.558
Yxy	46.7039, 0.2999, 0.3185
Android (android.graphics.Color)	4289705919 (0xFFAFB7BF)
YUV	181.5200, 4.6736, -5.7180
Hunter-Lab	68.3403, -4.7223, -0.7007

Details

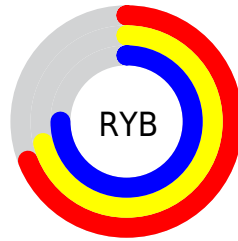
The CIELCh color `74, 5.160, 256.558` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75, 5.256, 74.323`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 4.922, 256.334`, and `54, 5.278, 260.396` is the 20% darker color. If you saturate the color by 10%, you get `70, 11.255, 257.994`, and if you desaturate by 10%, it is `78, 0.993, 74.848`.

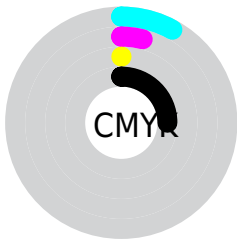
Distribution



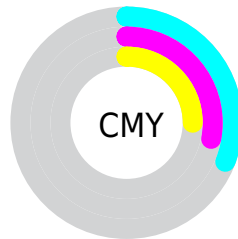
- Red (69%)
- Green (72%)
- Blue (75%)



- Red (69%)
- Yellow (71%)
- Blue (75%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (28%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.160, 256.558 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, 5.160, 256.558 by changing the saturation by 10% instead.

 74, 5.160, 256.558

 74, 5.160, 256.558

 100, 5.160,
256.558

 64, 5.160, 256.558

 94, 5.160, 256.558

 54, 5.160, 256.558

 44, 5.160, 256.558

 34, 5.160, 256.558

 24, 5.160, 256.558

 14, 5.160, 256.558

 4, 5.160, 256.558

 0, 5.160, 256.558

 74, 5.160, 256.558

 74, 5.160, 256.558

70, 11.255,
257.994

78, 0.993, 74.848

66, 17.271,
259.754

82, 7.177, 74.080

62, 23.184,
261.856

86, 13.372, 73.180

59, 28.982,
264.356

90, 19.562, 72.390

55, 34.665,
267.309

93, 22.518, 83.911

51, 40.261,
270.750

95, 25.768, 95.444

48, 45.830,
274.671

97, 29.803,
104.011

45, 51.458,
278.990

42, 57.246,

283.480

Harmonies

Complementary

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



74, 5.160, 256.558



75, 5.256, 74.323

Rectangle

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



74, 5.160, 256.558



74, 5.160, 306.558



74, 5.160, 76.558



74, 5.160, 126.558

Sweetspot

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



74, 5.159, 256.539



96, 2.289, 255.959



76, 7.430, 162.134



51, 1.748, 256.022



99, 0.012, 296.813



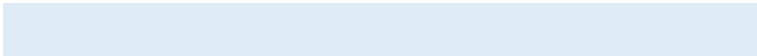
52, 0.007, 296.813

Same Dimension

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



74, 5.159, 256.539



92, 7.590, 256.774



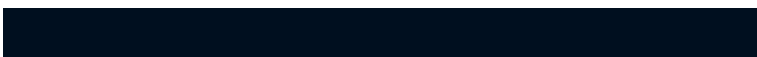
72, 8.574, 290.376



38, 3.454, 256.665



34, 49.915, 283.469



4, 11.551, 268.421

Inverse Universe

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



73, 7.427, 344.280



91, 10.960, 344.444



77, 8.411, 108.694



37, 4.981, 344.369



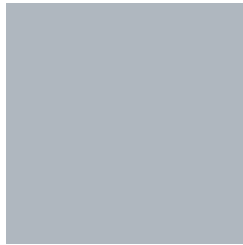
34, 59.349, 1.425



3, 13.950, 351.598

Previews

White Background



This preview shows how the CIELCh color 74, 5.160, 256.558 looks on a white background.

Color Contrast Check

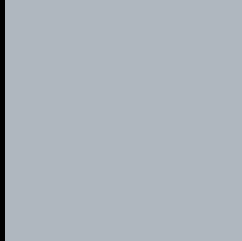
Large Text (above 18pt) WCAG AA × Fail

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, 5.160, 256.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

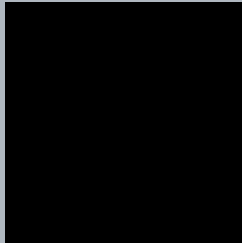
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

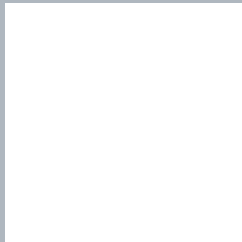
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.160, 256.558

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.160, 256.558.



This preview shows how white text looks on a background with the CIELCh color 74, 5.160, 256.558.

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

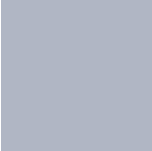
74, 5.160, 256.558

Protanopia

74, 4.944, 299.154

Deuteranopia

74, 11.194, 329.657



Tritanopia
74, 7.838, 275.033

Trichromacy



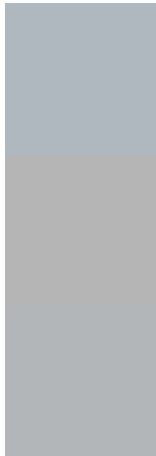
Original Color
74, 5.160, 256.558

Protanomaly
74, 4.383, 281.041

Deuteranomaly
74, 7.818, 315.746

Tritanomaly
74, 6.808, 272.361

Monochromacy



Original Color
74, 5.160, 256.558

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.954, 255.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.160, 256.558 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(175, 183, 191)` looks like.

```
.text, #text, p{  
    color:rgb(175, 183, 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(175, 183, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 183, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.160, 256.558 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(175, 183, 191) }
```

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

```
.border{ border-color:rgb(175, 183, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 183, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 183, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 183, 191);  
box-shadow:4px 4px 4px 4px rgb(175, 183,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.160, 256.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 183, 191) }
```

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

```
.background{ background-color: rgb(175,  
183, 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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