

Converting Colors

CIELCh(69, 7.580, 279.574)

Have a look what the booklet for
CIELCh(69, 7.580, 279.574) contains.

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Color

CIELCh(69, 7.801, 280.248)

Conversions

Conversions Part 1

Format	Color
Hex	A4A8B6
RGB	164, 168, 182
RGB Percent	64%, 66%, 71%
CMY	0.3563, 0.3406, 0.2857
CMYK	0.10, 0.08, 0.00, 0.29
HSL	227°, 11%, 68%
HSV	227°, 10%, 71%
XYZ	37.8222, 39.3444, 49.9301
YIQ	168.4000, -6.8780, 3.5060

Conversions

Conversions Part 2

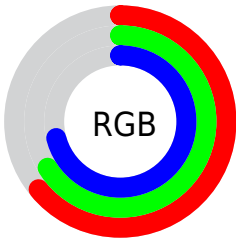
Format	Color
R_{YB}	164, 167, 182
Decimal	10791094
CIE _{Lab}	69.00, 1.39, -7.68
CIE _{LCh}	69, 7.801, 280.248
Yxy	39.3444, 0.2976, 0.3096
Android (android.graphics.Color)	4288981174 (0xFFA4A8B6)
YUV	168.4000, 6.7048, -3.8588
Hunter-Lab	62.7251, -2.1363, -3.2881

Details

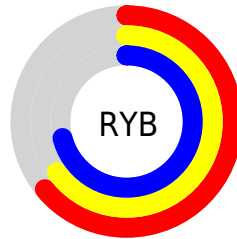
The CIELCh color $69, 7.801, 280.248$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 7.722, 97.881$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 7.917, 280.744$, and $49, 7.760, 279.810$ is the 20% darker color. If you saturate the color by 10%, you get $64, 15.898, 281.632$, and if you desaturate by 10%, it is $74, 0.082, 97.084$.

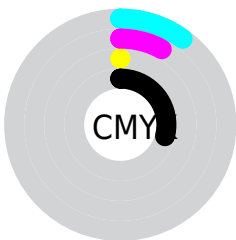
Distribution



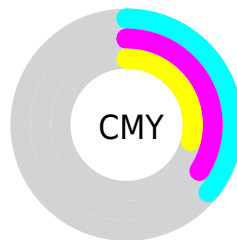
- Red (64%)
- Green (66%)
- Blue (71%)



- Red (64%)
- Yellow (65%)
- Blue (71%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 7.801, 280.248 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 69, 7.801, 280.248 by changing the saturation by 10% instead.

■ 69, 7.801, 280.248

■ 69, 7.801, 280.248

■ 100, 7.801,
280.248

■ 59, 7.801, 280.248

■ 89, 7.801, 280.248

■ 49, 7.801, 280.248

■ 99, 7.801, 280.248

■ 39, 7.801, 280.248

■ 29, 7.801, 280.248

■ 19, 7.801, 280.248

■ 9, 7.801, 280.248

■ 0, 7.801, 280.248

■ 69, 7.801, 280.248

■ 69, 7.801, 280.248

■ 64, 15.898,

■ 74, 0.082, 97.084

281.632

79, 7.760, 97.953

59, 24.228,
283.266

84, 15.245, 97.060

53, 32.814,
285.174

89, 22.543, 96.276

48, 41.681,
287.389

94, 29.646, 95.735

98, 35.720,
106.278

43, 50.853,
289.923

98, 36.595,
107.388

39, 60.321,
292.753

34, 69.989,
295.787

30, 79.558,
298.848

27, 88.459,
301.613

Harmonies

Complementary

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



69, 7.801, 280.248



73, 7.722, 97.881

Rectangle

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



69, 7.801, 280.248



69, 7.801, 330.248



69, 7.801, 100.248



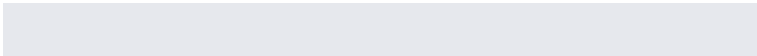
69, 7.801, 150.248

Sweetspot

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



69, 7.800, 280.240



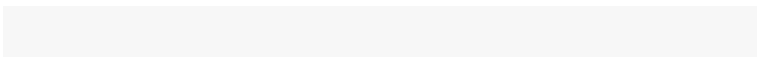
92, 2.915, 279.443



73, 7.025, 179.920



49, 2.228, 279.524



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 7.800, 280.240



86, 11.770, 280.542



68, 10.102, 301.158



36, 4.497, 280.171



22, 77.937, 301.293



2, 12.929, 282.683

Inverse Universe

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



69, 7.243, 2.426



86, 10.961, 2.676



73, 9.902, 119.958



36, 4.174, 2.368



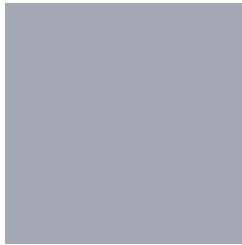
32, 62.925, 26.913



2, 10.964, 6.145

Previews

White Background



This preview shows how the CIELCh color 69, 7.801, 280.248 looks on a white background.

Color Contrast Check

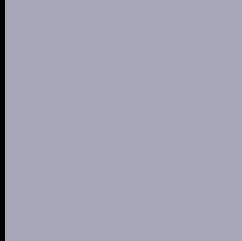
Large Text (above 18pt) WCAG AA × Fail

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 69, 7.801, 280.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

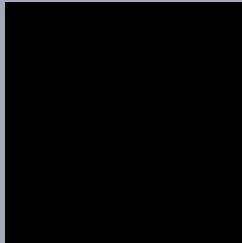
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

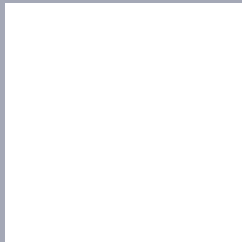
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 7.801, 280.248

Background



This preview shows how black text looks on a background with the CIELCh color 69, 7.801, 280.248.

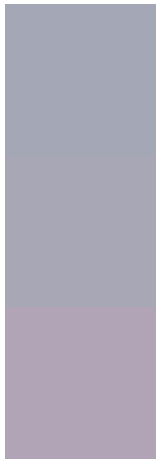


This preview shows how white text looks on a background with the CIELCh color 69, 7.801, 280.248.

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

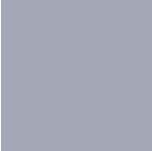
69, 7.801, 280.248

Protanopia

69, 8.248, 291.015

Deuteranopia

69, 11.707, 317.308



Tritanopia
69, 7.801, 280.248

Trichromacy



Original Color
69, 7.801, 280.248

Protanomaly
69, 8.251, 288.492

Deuteranomaly
69, 9.728, 306.376

Tritanomaly
69, 7.801, 280.248

Monochromacy



Original Color
69, 7.801, 280.248

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.836, 275.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 7.801, 280.248 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(164, 168, 182)` looks like.

```
.text, #text, p{  
    color:rgb(164, 168, 182)  
}
```

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(164, 168, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 168, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 7.801, 280.248 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(164, 168, 182) }
```

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

```
.border{ border-color:rgb(164, 168, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 168, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 168, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 168, 182); box-shadow:4px 4px 4px 4px rgb(164, 168, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 7.801, 280.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 168, 182) }
```

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

```
.background{ background-color: rgb(164,  
168, 182) }
```

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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