

Converting Colors

CIELCh(68, 18.360, 256.343)

Have a look what the booklet for
CIELCh(68, 18.360, 256.343)
contains.

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Color

CIELCh(68, 18.227, 257.203)

Conversions

Conversions Part 1

Format	Color
Hex	8AA9C5
RGB	138, 169, 197
RGB Percent	54%, 66%, 77%
CMY	0.4576, 0.3360, 0.2262
CMYK	0.30, 0.14, 0.00, 0.23
HSL	208°, 34%, 66%
HSV	208°, 30%, 77%
XYZ	34.8974, 37.9720, 58.5122
YIQ	162.9230, -27.4640, 2.1360

Conversions

Conversions Part 2

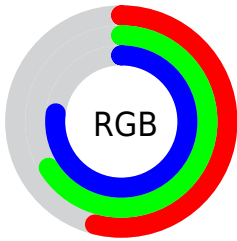
Format	Color
RYB	138, 158, 197
Decimal	9087429
CIELab	68.00, -4.04, -17.77
CIElCh	68, 18.227, 257.203
Yxy	37.9720, 0.2656, 0.2890
Android (android.graphics.Color)	4287277509 (0xFF8AA9C5)
YUV	162.9230, 16.8000, -21.8575
Hunter-Lab	61.6215, -6.7496, -13.1634

Details

The CIELCh color `68, 18.227, 257.203` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `70, 20.053, 69.046`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 18.338, 258.128`, and `48, 18.168, 256.905` is the 20% darker color. If you saturate the color by 10%, you get `64, 24.065, 259.346`, and if you desaturate by 10%, it is `72, 12.242, 255.412`.

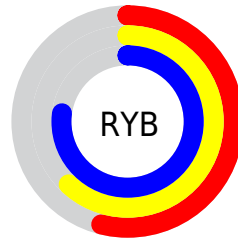
Distribution



Red (54%)

Green (66%)

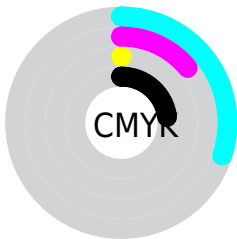
Blue (77%)



Red (54%)

Yellow (62%)

Blue (77%)

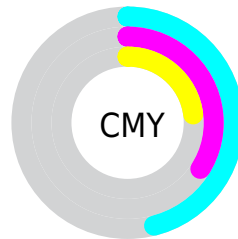


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (23%)



Cyan (46%)


Magenta (34%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 18.227, 257.203 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 68, 18.227, 257.203 by changing the saturation by 10% instead.

 68, 18.227,
257.203


 68, 18.227,
257.203


 100, 18.227,
257.203


 58, 18.227,
257.203


 88, 18.227,
257.203

 48, 18.227,
257.203

 98, 18.227,
257.203

 38, 18.227,
257.203

 28, 18.227,
257.203

 18, 18.227,
257.203

 8, 18.227, 257.203

 0, 18.227, 257.203

68, 18.227,
257.203

68, 18.227,
257.203

64, 24.065,
259.346

72, 12.242,
255.412

61, 29.739,
261.911

76, 6.139, 253.936

80, 0.053, 65.299

57, 35.249,
264.953

84, 6.304, 71.471

53, 40.623,
268.509

88, 12.590, 70.586

50, 45.928,
272.570

91, 18.464, 71.392

94, 20.746, 86.933

47, 51.264,
277.047

96, 24.213, 98.590

44, 56.762,
281.649

98, 28.404,
106.952

44, 56.816,

281.690

Harmonies

Complementary

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



68, 18.227, 257.203



70, 20.053, 69.046

Rectangle

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



68, 18.227, 257.203



68, 18.227, 307.203



68, 18.227, 77.203



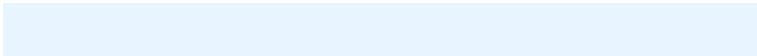
68, 18.227, 127.203

Sweetspot

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



68, 18.226, 257.200



96, 6.873, 253.836



75, 27.444, 159.197



50, 4.771, 254.031



0, 0.000, 0.000



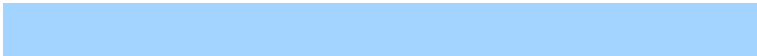
53, 0.007, 296.813

Same Dimension

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



68, 18.226, 257.200



83, 26.832, 258.582



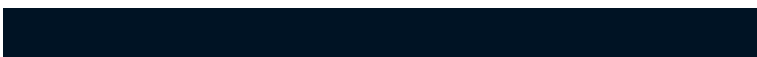
60, 32.228, 292.554



40, 3.539, 253.869



36, 48.698, 280.988



5, 13.612, 268.006

Inverse Universe

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



64, 28.163, 344.991



77, 41.748, 345.727



78, 30.128, 105.853



39, 5.292, 343.025



35, 61.062, 359.200



4, 18.117, 351.427

Previews

White Background



This preview shows how the CIELCh color 68, 18.227, 257.203 looks on a white background.

Color Contrast Check

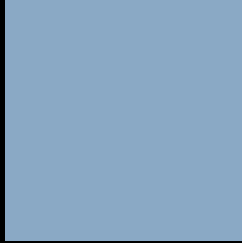
Large Text (above 18pt) WCAG AA × Fail

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 68, 18.227, 257.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

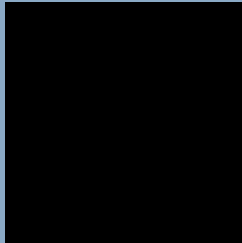
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

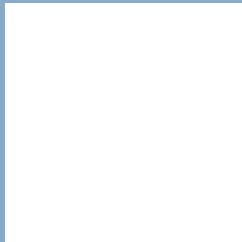
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 18.227, 257.203

Background



This preview shows how black text looks on a background with the CIELCh color 68, 18.227, 257.203.



This preview shows how white text looks on a background with the CIELCh color 68, 18.227, 257.203.

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





Tritanopia
68, 14.045, 232.096

Trichromacy



Original Color
68, 18.227, 257.203

Protanomaly
68, 16.550, 274.903

Deuteranomaly
68, 18.412, 281.303

Tritanomaly
68, 15.064, 243.037

Monochromacy



Original Color
68, 18.227, 257.203

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.743, 254.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 18.227, 257.203 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(138, 169, 197)` looks like.

```
.text, #text, p{  
    color:rgb(138, 169, 197)  
}
```

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(138, 169, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 169, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 18.227, 257.203 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(138, 169, 197) }
```

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

```
.border{ border-color:rgb(138, 169, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 169, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 169, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 169, 197);  
box-shadow:4px 4px 4px 4px rgb(138, 169,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 18.227, 257.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 169, 197) }
```

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

```
.background{ background-color: rgb(138,  
169, 197) }
```

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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