

Converting Colors

CIELCh(69, 18.691, 252.840)

Have a look what the booklet for
CIELCh(69, 18.691, 252.840)
contains.

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Color

CIELCh(69, 18.624, 251.953)

Conversions

Conversions Part 1

Format	Color
Hex	89ADC8
RGB	137, 173, 200
RGB Percent	54%, 68%, 78%
CMY	0.4630, 0.3218, 0.2159
CMYK	0.32, 0.14, 0.00, 0.22
HSL	206°, 36%, 66%
HSV	206°, 32%, 78%
XYZ	35.6566, 39.3444, 60.3200
YIQ	165.3140, -30.1230, 0.7650

Conversions

Conversions Part 2

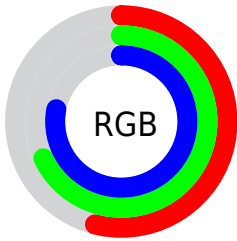
Format	Color
RYB	137, 160, 200
Decimal	9022920
CIELab	69.00, -5.77, -17.71
CIElCh	69, 18.624, 251.953
Yxy	39.3444, 0.2635, 0.2907
Android (android.graphics.Color)	4287213000 (0xFF89ADC8)
YUV	165.3140, 17.1002, -24.8314
Hunter-Lab	62.7251, -8.2990, -13.1090

Details

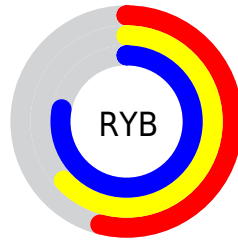
The CIELCh color $69, 18.624, 251.953$ is a light color, and the websafe version is hex `6699CC`. A complement of this color would be $70, 21.150, 63.881$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 17.962, 250.780$, and $49, 18.519, 251.502$ is the 20% darker color. If you saturate the color by 10%, you get $65, 24.126, 254.086$, and if you desaturate by 10%, it is $73, 12.897, 250.189$.

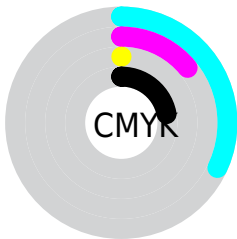
Distribution



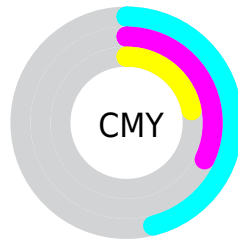
- Red (54%)
- Green (68%)
- Blue (78%)



- Red (54%)
- Yellow (63%)
- Blue (78%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (46%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 18.624, 251.953 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, 18.624, 251.953 by changing the saturation by 10% instead.

■ 69, 18.624,
251.953

■ 69, 18.624,
251.953

■ 100, 18.624,
251.953

■ 59, 18.624,
251.953

■ 89, 18.624,
251.953

■ 49, 18.624,
251.953

■ 99, 18.624,
251.953

■ 39, 18.624,
251.953

■ 29, 18.624,
251.953

■ 19, 18.624,
251.953

■ 9, 18.624, 251.953

■ 0, 18.624, 251.953

69, 18.624,
251.953

69, 18.624,
251.953

65, 24.126,
254.086

73, 12.897,
250.189

62, 29.378,
256.667

76, 6.986, 248.750

80, 0.929, 247.925

59, 34.371,
259.761

84, 5.235, 66.369

55, 39.130,
263.412

88, 11.474, 65.554

52, 43.726,
267.621

91, 17.242, 66.561

93, 18.930, 82.494

50, 48.276,
272.303

95, 21.805, 94.915

47, 52.235,
276.396

98, 25.443,
104.009

Harmonies

Complementary

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



69, 18.624, 251.953



70, 21.150, 63.881

Rectangle

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



69, 18.624, 251.953



69, 18.624, 301.953



69, 18.624, 71.953



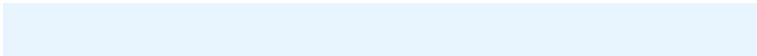
69, 18.624, 121.953

Sweetspot

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



69, 18.623, 251.950



96, 6.675, 248.455



76, 30.367, 156.636



51, 4.630, 248.636



0, 0.000, 0.000



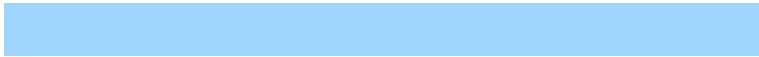
53, 0.007, 296.813

Same Dimension

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



69, 18.623, 251.950



83, 27.050, 253.410



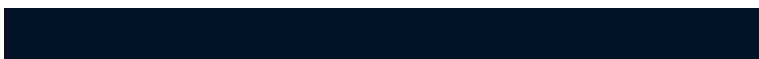
61, 32.564, 290.729



40, 3.436, 248.485



39, 44.356, 275.607



6, 12.898, 263.203

Inverse Universe

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



64, 30.877, 342.688



76, 45.278, 343.426



78, 30.573, 103.315



39, 5.462, 340.677



35, 61.953, 355.047



4, 18.649, 348.571

Previews

White Background



This preview shows how the CIELCh color 69, 18.624, 251.953 looks on a white background.

Color Contrast Check

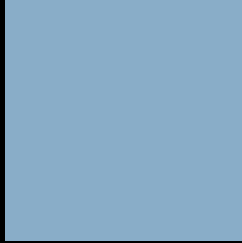
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 18.624, 251.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

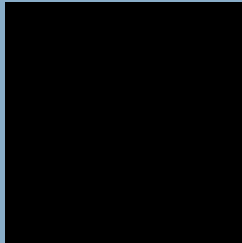
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

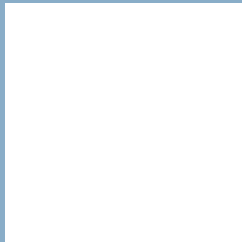
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 18.624, 251.953

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.624, 251.953.



This preview shows how white text looks on a background with the CIELCh color 69, 18.624, 251.953.

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
69, 15.613, 228.132

Trichromacy



Original Color
69, 18.624, 251.953

Protanomaly
69, 16.173, 271.900

Deuteranomaly
69, 18.909, 281.661

Tritanomaly
69, 16.414, 238.322

Monochromacy



Original Color
69, 18.624, 251.953

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.152, 249.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.624, 251.953 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(137, 173, 200)` looks like.

```
.text, #text, p{  
    color:rgb(137, 173, 200)  
}
```

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(137, 173, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 173, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.624, 251.953 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(137, 173, 200) }
```

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

```
.border{ border-color:rgb(137, 173, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 173, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 173, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 173, 200);  
box-shadow:4px 4px 4px 4px rgb(137, 173,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.624, 251.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 173, 200) }
```

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

```
.background{ background-color: rgb(137,  
173, 200) }
```

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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