

Converting Colors

CIELCh(69, 23.136, 252.964)

Have a look what the booklet for
CIELCh(69, 23.136, 252.964)
contains.

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Color

CIELCh(69, 23.136, 252.964)

Conversions

Conversions Part 1

Format	Color
Hex	80AED0
RGB	128, 174, 208
RGB Percent	50%, 68%, 82%
CMY	0.4986, 0.3182, 0.1849
CMYK	0.38, 0.16, 0.00, 0.18
HSL	205°, 46%, 66%
HSV	205°, 38%, 82%
XYZ	35.3583, 39.3444, 65.3135
YIQ	164.1220, -38.3300, 0.8220

Conversions

Conversions Part 2

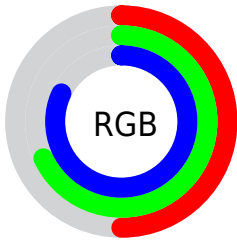
Format	Color
RYB	128, 157, 208
Decimal	8433360
CIELab	69.00, -6.78, -22.12
CIELCh	69, 23.136, 252.964
Yxy	39.3444, 0.2525, 0.2810
Android (android.graphics.Color)	4286623440 (0xFF80AED0)
YUV	164.1220, 21.6319, -31.6790
Hunter-Lab	62.7251, -9.1480, -17.8291

Details

The CIELCh color `69, 23.136, 252.964` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `70, 27.223, 62.757`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `89, 19.626, 242.664`, and `49, 23.310, 252.722` is the 20% darker color. If you saturate the color by 10%, you get `65, 28.601, 255.405`, and if you desaturate by 10%, it is `73, 17.410, 250.946`.

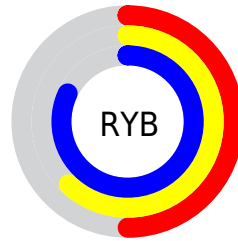
Distribution



Red (50%)

Green (68%)

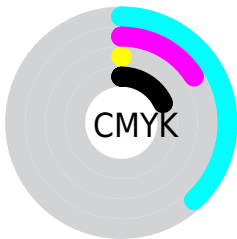
Blue (82%)



Red (50%)

Yellow (62%)

Blue (82%)

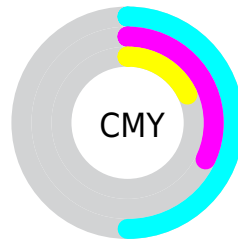


Cyan (38%)

Magenta (16%)

Yellow (0%)

Black (18%)



Cyan (50%)


Magenta (32%)

Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 23.136, 252.964 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, 23.136, 252.964 by changing the saturation by 10% instead.

 69, 23.136,
252.964


 69, 23.136,
252.964


 100, 23.136,
252.964


 59, 23.136,
252.964


 89, 23.136,
252.964

 49, 23.136,
252.964

 99, 23.136,
252.964

 39, 23.136,
252.964

 29, 23.136,
252.964

 19, 23.136,
252.964

 9, 23.136, 252.964

 0, 23.136, 252.964

69, 23.136,
252.964

69, 23.136,
252.964

65, 28.601,
255.405

73, 17.410,
250.946

62, 33.791,
258.345

76, 11.459,
249.290

59, 38.719,
261.839

80, 5.325, 247.951

56, 43.443,
265.904

84, 0.952, 66.259

88, 7.332, 65.697

53, 48.072,
270.485

92, 13.783, 64.914

50, 52.763,
275.369

94, 16.017, 82.125

96, 19.075, 96.847

49, 53.499,
276.079

99, 23.012,
106.901

Harmonies

Complementary

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



69, 23.136, 252.964



70, 27.223, 62.757

Rectangle

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



69, 23.136, 252.964



69, 23.136, 302.964



69, 23.136, 72.964



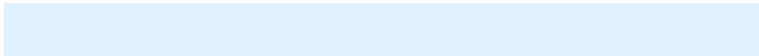
69, 23.136, 122.964

Sweetspot

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



69, 23.135, 252.962



95, 8.851, 248.403



77, 38.057, 155.840



50, 5.861, 248.577



0, 0.000, 0.000



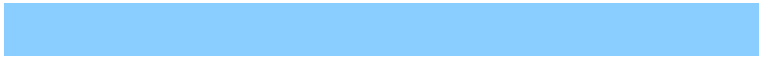
53, 0.007, 296.813

Same Dimension

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



69, 23.135, 252.962



80, 32.154, 254.894



58, 41.631, 291.973



42, 3.574, 248.061



40, 45.139, 275.282



7, 14.623, 263.813

Inverse Universe

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



63, 38.932, 343.238



72, 54.497, 344.164



80, 38.381, 102.571



41, 5.707, 340.505



36, 63.437, 354.821



5, 22.691, 348.981

Previews

White Background



This preview shows how the CIELCh color 69, 23.136, 252.964 looks on a white background.

Color Contrast Check

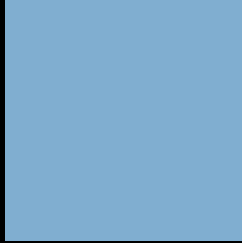
Large Text (above 18pt) WCAG AA × Fail

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, 23.136, 252.964 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

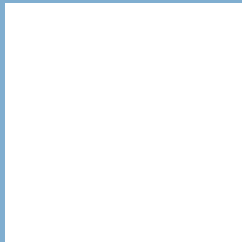
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 23.136, 252.964

Background



This preview shows how black text looks on a background with the CIELCh color 69, 23.136, 252.964.

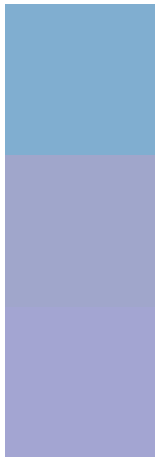


This preview shows how white text looks on a background with the CIELCh color 69, 23.136, 252.964.

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

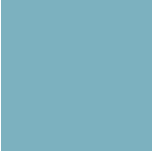
69, 23.136, 252.964

Protanopia

69, 20.401, 286.462

Deuteranopia

69, 24.741, 291.076



Tritanopia
69, 18.796, 222.476

Trichromacy



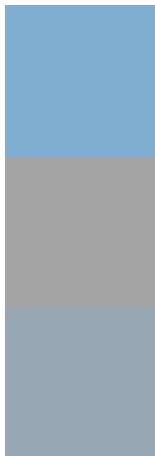
Original Color
69, 23.136, 252.964

Protanomaly
69, 20.744, 272.497

Deuteranomaly
69, 23.103, 277.544

Tritanomaly
69, 19.763, 234.295

Monochromacy



Original Color
69, 23.136, 252.964

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.856, 247.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 23.136, 252.964 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(128, 174, 208)` looks like.

```
.text, #text, p{  
    color:rgb(128, 174, 208)  
}
```

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(128, 174, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 174, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 23.136, 252.964 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(128, 174, 208) }
```

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

```
.border{ border-color:rgb(128, 174, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 174, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 174, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 174, 208);  
box-shadow:4px 4px 4px 4px rgb(128, 174,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 23.136, 252.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 174, 208) }
```

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

```
.background{ background-color: rgb(128,  
174, 208) }
```

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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