

Converting Colors

CIELCh(68, 17.664, 264.841)

Have a look what the booklet for
CIELCh(68, 17.664, 264.841)
contains.

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Color

CIELCh(68, 17.644, 264.503)

Conversions

Conversions Part 1

Format	Color
Hex	90A8C5
RGB	144, 168, 197
RGB Percent	56%, 66%, 77%
CMY	0.4352, 0.3411, 0.2274
CMYK	0.27, 0.15, 0.00, 0.23
HSL	213°, 31%, 67%
HSV	213°, 27%, 77%
XYZ	35.5882, 37.9720, 58.2843
YIQ	164.1300, -23.6130, 3.9310

Conversions

Conversions Part 2

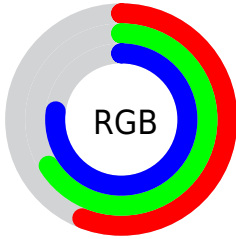
Format	Color
RYB	144, 161, 197
Decimal	9480389
CIELab	68.00, -1.69, -17.56
CIElCh	68, 17.644, 264.503
Yxy	37.9720, 0.2699, 0.2880
Android (android.graphics.Color)	4287670469 (0xFF90A8C5)
YUV	164.1300, 16.2049, -17.6540
Hunter-Lab	61.6215, -4.7485, -12.9441

Details

The CIELCh color `68, 17.644, 264.503` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `72, 18.583, 76.895`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 17.773, 265.245`, and `48, 17.623, 264.274` is the 20% darker color. If you saturate the color by 10%, you get `64, 24.149, 266.565`, and if you desaturate by 10%, it is `72, 11.102, 262.758`.

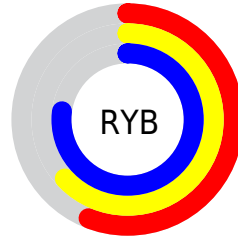
Distribution



Red (56%)

Green (66%)

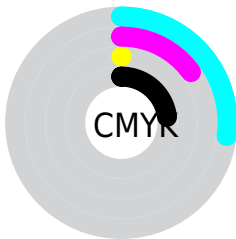
Blue (77%)



Red (56%)

Yellow (63%)

Blue (77%)

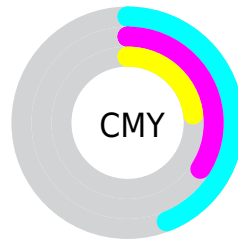


Cyan (27%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (44%)

Magenta (34%)

Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 17.644, 264.503 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, 17.644, 264.503 by changing the saturation by 10% instead.

 68, 17.644,
264.503

 68, 17.644,
264.503


 100, 17.644,
264.503


 58, 17.644,
264.503


 88, 17.644,
264.503

 48, 17.644,
264.503

 98, 17.644,
264.503

 38, 17.644,
264.503

 28, 17.644,
264.503

 18, 17.644,
264.503

 8, 17.644, 264.503

 0, 17.644, 264.503

68, 17.644,
264.503

68, 17.644,
264.503

64, 24.149,
266.565

72, 11.102,
262.758

60, 30.613,
269.004

77, 4.540, 261.313

81, 2.027, 79.810

56, 37.046,
271.867

85, 8.582, 78.844

52, 43.478,
275.180

89, 15.110, 77.919

48, 49.967,
278.931

93, 20.236, 83.817

96, 24.051, 97.815

44, 56.583,
283.036

99, 28.866,
107.417

41, 63.384,
287.308

99, 29.224,
107.957

40, 65.544,

288.559

Harmonies

Complementary

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



68, 17.644, 264.503



72, 18.583, 76.895

Rectangle

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



68, 17.644, 264.503



68, 17.644, 314.503



68, 17.644, 84.503



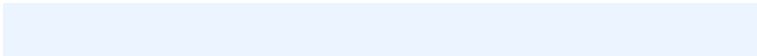
68, 17.644, 134.503

Sweetspot

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



68, 17.643, 264.500



96, 6.488, 261.471



75, 23.455, 163.001



50, 4.609, 261.678



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, 17.643, 264.500



83, 25.847, 265.611



62, 29.838, 294.501



40, 3.758, 261.642



33, 56.187, 287.930



5, 14.784, 274.031

Inverse Universe

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



65, 24.194, 348.839



80, 35.591, 349.498



78, 27.992, 109.042



39, 5.043, 347.036



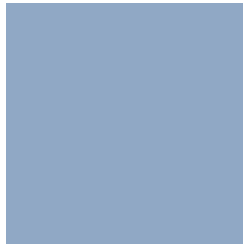
35, 60.460, 6.043



4, 17.435, 355.820

Previews

White Background



This preview shows how the CIELCh color 68, 17.644, 264.503 looks on a white background.

Color Contrast Check

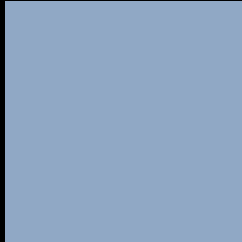
Large Text (above 18pt) WCAG AA × Fail

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 68, 17.644, 264.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

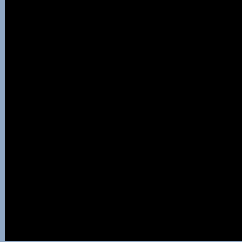
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

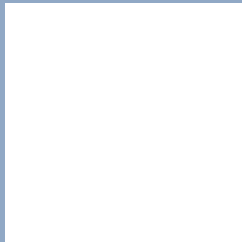
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 17.644, 264.503

Background



This preview shows how black text looks on a background with the CIELCh color 68, 17.644, 264.503.



This preview shows how white text looks on a background with the CIELCh color 68, 17.644, 264.503.

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

68, 17.644, 264.503

Protanopia

68, 16.594, 285.835

Deuteranopia

68, 19.918, 295.177



Tritanopia
68, 12.485, 237.111

Trichromacy



Original Color
68, 17.644, 264.503

Protanomaly
68, 16.864, 278.870

Deuteranomaly
68, 18.840, 284.749

Tritanomaly
68, 14.152, 250.355

Monochromacy



Original Color
68, 17.644, 264.503

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.677, 264.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 17.644, 264.503 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(144, 168, 197)` looks like.

```
.text, #text, p{  
    color:rgb(144, 168, 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(144, 168, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 168, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 17.644, 264.503 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(144, 168, 197) }
```

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

```
.border{ border-color:rgb(144, 168, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 168, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 168, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 168, 197);  
box-shadow:4px 4px 4px 4px rgb(144, 168,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 17.644, 264.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 168, 197) }
```

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

```
.background{ background-color: rgb(144,  
168, 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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