

Converting Colors

CIELCh(64, 26.513, 258.417)

Have a look what the booklet for
CIELCh(64, 26.513, 258.417)
contains.

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Color

CIELCh(64, 26.562, 258.762)

Conversions

Conversions Part 1

Format	Color
Hex	70A0C9
RGB	112, 160, 201
RGB Percent	44%, 63%, 79%
CMY	0.5608, 0.3726, 0.2118
CMYK	0.44, 0.20, 0.00, 0.21
HSL	208°, 45%, 61%
HSV	208°, 44%, 79%
XYZ	29.7939, 32.8017, 60.0167
YIQ	150.3220, -41.7690, 2.5750

Conversions

Conversions Part 2

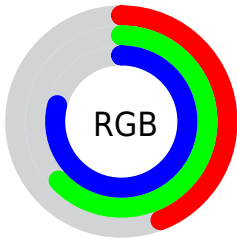
Format	Color
R _Y B	112, 143, 201
Decimal	7381193
CIE Lab	64.00, -5.18, -26.05
CIE LCh	64, 26.562, 258.762
Yxy	32.8017, 0.2430, 0.2675
Android (android.graphics.Color)	4285571273 (0xFF70A0C9)
YUV	150.3220, 24.9843, -33.6084
Hunter-Lab	57.2727, -7.3697, -22.0397

Details

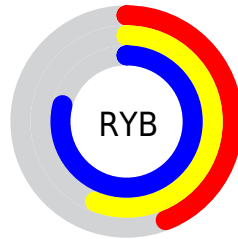
The CIELCh color **64, 26.562, 258.762** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **67, 31.178, 65.887**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 25.276, 255.866**, and **44, 26.520, 258.366** is the 20% darker color. If you saturate the color by 10%, you get **60, 32.093, 261.525**, and if you desaturate by 10%, it is **68, 20.833, 256.451**.

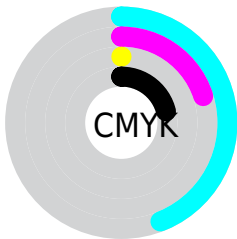
Distribution



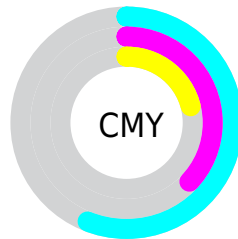
- Red (44%)
- Green (63%)
- Blue (79%)



- Red (44%)
- Yellow (56%)
- Blue (79%)



- Cyan (44%)
- Magenta (20%)
- Yellow (0%)
- Black (21%)




- Cyan (56%)
- Magenta (37%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 26.562, 258.762 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 64, 26.562, 258.762 by changing the saturation by 10% instead.

 64, 26.562,
258.762

 64, 26.562,
258.762


 100, 26.562,
258.762


 54, 26.562,
258.762


 84, 26.562,
258.762

 44, 26.562,
258.762

 94, 26.562,
258.762

 34, 26.562,
258.762

 24, 26.562,
258.762

 14, 26.562,
258.762

 4, 26.562, 258.762

 0, 26.562, 258.762

64, 26.562,
258.762

64, 26.562,
258.762

60, 32.093,
261.525

68, 20.833,
256.451

57, 37.438,
264.796

72, 14.923,
254.529

53, 42.638,
268.601

75, 8.861, 252.939

50, 47.779,
272.903

79, 2.680, 251.696

83, 3.589, 70.301

47, 52.976,
277.575

87, 9.916, 69.412

46, 56.046,
280.224

91, 16.274, 68.608

94, 18.760, 83.774

96, 22.009, 96.913

Harmonies

Complementary

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



64, 26.562, 258.762



67, 31.178, 65.887

Rectangle

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



64, 26.562, 258.762



64, 26.562, 308.762



64, 26.562, 78.762



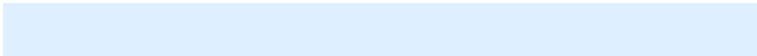
64, 26.562, 128.762

Sweetspot

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



64, 26.561, 258.761



94, 9.797, 252.783



74, 41.172, 156.691



49, 6.842, 253.105



0, 0.000, 0.000



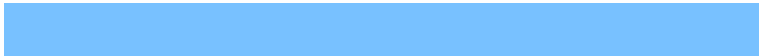
53, 0.007, 296.813

Same Dimension

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



64, 26.561, 258.761



76, 38.046, 261.364



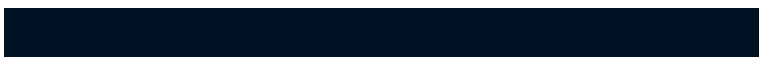
52, 48.989, 294.442



40, 3.505, 252.272



37, 47.343, 279.446



5, 13.391, 266.640

Inverse Universe

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



59, 42.469, 345.875



68, 60.756, 347.162



78, 44.048, 103.650



39, 5.342, 342.298



35, 61.292, 357.923



4, 18.269, 350.566

Previews

White Background



This preview shows how the CIELCh color 64, 26.562, 258.762 looks on a white background.

Color Contrast Check

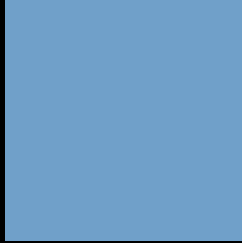
Large Text (above 18pt) WCAG AA × Fail

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 64, 26.562, 258.762 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

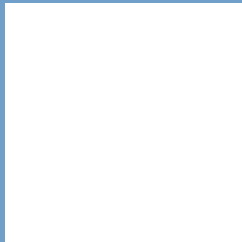
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 26.562, 258.762

Background



This preview shows how black text looks on a background with the CIELCh color 64, 26.562, 258.762.

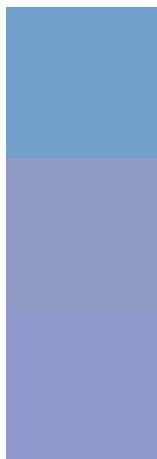


This preview shows how white text looks on a background with the CIELCh color 64, 26.562, 258.762.

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

64, 26.562, 258.762

Protanopia

64, 24.099, 285.526

Deuteranopia

64, 28.532, 287.250



Tritanopia
64, 20.267, 219.058

Trichromacy



Original Color
64, 26.562, 258.762

Protanomaly
64, 24.391, 273.972

Deuteranomaly
64, 26.952, 277.035

Tritanomaly
64, 21.259, 235.620

Monochromacy



Original Color
64, 26.562, 258.762

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 10.427, 252.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 26.562, 258.762 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(112, 160, 201)` looks like.

```
.text, #text, p{  
    color:rgb(112, 160, 201)  
}
```

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(112, 160, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 160, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 26.562, 258.762 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(112, 160, 201) }
```

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

```
.border{ border-color:rgb(112, 160, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 160, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 160, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 160, 201);  
box-shadow:4px 4px 4px 4px rgb(112, 160,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 26.562, 258.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 160, 201) }
```

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

```
.background{ background-color: rgb(112,  
160, 201) }
```

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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