

Converting Colors

CIELCh(62, 18.543, 254.126)

Have a look what the booklet for
CIELCh(62, 18.543, 254.126)
contains.

CIELCh(62, 18.528, 254.091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 18.528, 254.091)

Conversions

Conversions Part 1

Format	Color
Hex	789AB5
RGB	120, 154, 181
RGB Percent	47%, 60%, 71%
CMY	0.5297, 0.3964, 0.2905
CMYK	0.34, 0.15, 0.00, 0.29
HSL	207°, 29%, 59%
HSV	207°, 34%, 71%
XYZ	27.6068, 30.4025, 48.0816
YIQ	146.9120, -28.9310, 1.1890

Conversions

Conversions Part 2

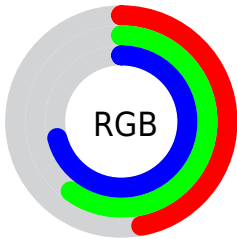
Format	Color
R _Y B	120, 142, 181
Decimal	7903925
CIE Lab	62.00, -5.08, -17.82
CIE LCh	62, 18.528, 254.091
Yxy	30.4025, 0.2602, 0.2866
Android (android.graphics.Color)	4286094005 (0xFF789AB5)
YUV	146.9120, 16.8054, -23.6018
Hunter-Lab	55.1385, -7.1206, -13.1049

Details

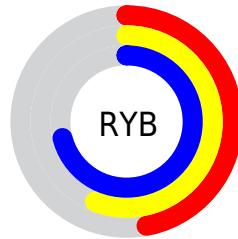
The CIELCh color `62, 18.528, 254.091` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `63, 21.055, 65.193`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 18.623, 254.948`, and `42, 18.434, 254.180` is the 20% darker color. If you saturate the color by 10%, you get `59, 23.660, 256.319`, and if you desaturate by 10%, it is `65, 13.205, 252.240`.

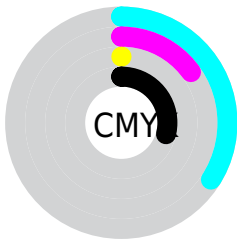
Distribution



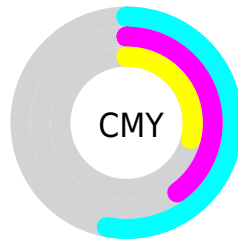
- Red (47%)
- Green (60%)
- Blue (71%)



- Red (47%)
- Yellow (56%)
- Blue (71%)



- Cyan (34%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)





- Cyan (53%)
- Magenta (40%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 18.528, 254.091 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 62, 18.528, 254.091 by changing the saturation by 10% instead.


 62, 18.528,
254.091


 62, 18.528,
254.091


 100, 18.528,
254.091


 52, 18.528,
254.091


 82, 18.528,
254.091

 42, 18.528,
254.091

 92, 18.528,
254.091

 32, 18.528,
254.091

 22, 18.528,
254.091

 12, 18.528,
254.091

 2, 18.528, 254.091

 0, 18.528, 254.091

62, 18.528,
254.091

62, 18.528,
254.091

59, 23.660,
256.319

65, 13.205,
252.240

55, 28.584,
258.997

69, 7.723, 250.715

72, 2.115, 249.557

52, 33.299,
262.183

76, 3.587, 68.187

49, 37.839,
265.911

79, 9.353, 67.338

46, 42.276,
270.162

83, 15.159, 66.575

87, 20.983, 65.914

44, 46.718,
274.829

89, 24.236, 71.793

42, 49.598,
277.750

91, 25.946, 82.331

Harmonies

Complementary

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



62, 18.528, 254.091



63, 21.055, 65.193

Rectangle

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



62, 18.528, 254.091



62, 18.528, 304.091



62, 18.528, 74.091



62, 18.528, 124.091

Sweetspot

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



62, 18.527, 254.088



89, 6.981, 250.249



69, 29.520, 157.194



46, 4.752, 250.426



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 18.527, 254.088



76, 26.870, 255.595



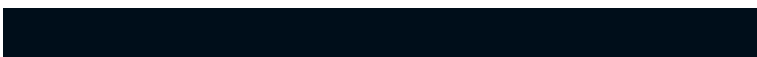
54, 32.863, 291.779



36, 3.169, 250.142



36, 43.319, 277.056



4, 8.375, 261.007

Inverse Universe

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



58, 30.185, 343.633



70, 44.113, 344.393



71, 30.604, 103.930



35, 4.946, 341.365



33, 58.833, 356.085



2, 10.982, 346.651

Previews

White Background



This preview shows how the CIELCh color 62, 18.528, 254.091 looks on a white background.

Color Contrast Check

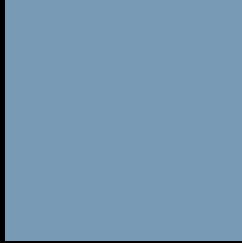
Large Text (above 18pt) WCAG AA × Fail

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 62, 18.528, 254.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

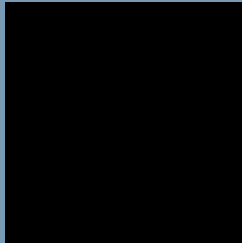
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

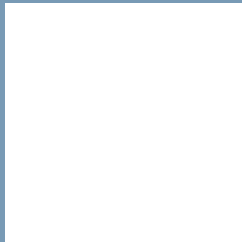
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 18.528, 254.091

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.528, 254.091.

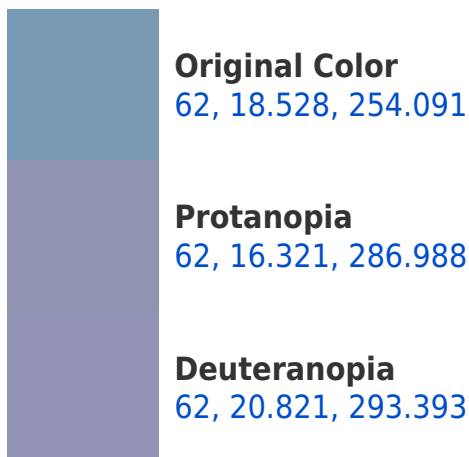


This preview shows how white text looks on a background with the CIELCh color 62, 18.528, 254.091.

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
62, 15.011, 227.659

Trichromacy



Original Color
62, 18.528, 254.091

Protanomaly
62, 16.404, 273.405

Deuteranomaly
62, 18.864, 279.567

Tritanomaly
62, 15.819, 238.507

Monochromacy



Original Color
62, 18.528, 254.091

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.880, 246.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 18.528, 254.091 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(120, 154, 181)` looks like.

```
.text, #text, p{  
    color:rgb(120, 154, 181)  
}
```

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(120, 154, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 154, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.528, 254.091 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(120, 154, 181) }
```

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

```
.border{ border-color:rgb(120, 154, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 154, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 154, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 154, 181);  
box-shadow:4px 4px 4px 4px rgb(120, 154,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.528, 254.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 154, 181) }
```

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

```
.background{ background-color: rgb(120,  
154, 181) }
```

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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