

Converting Colors

CIELCh(62, 20.105, 255.888)

Have a look what the booklet for
CIELCh(62, 20.105, 255.888)
contains.

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Color

CIELCh(62, 20.138, 256.007)

Conversions

Conversions Part 1

Format	Color
Hex	769AB8
RGB	118, 154, 184
RGB Percent	46%, 60%, 72%
CMY	0.5374, 0.3963, 0.2786
CMYK	0.36, 0.16, 0.00, 0.28
HSL	207°, 32%, 59%
HSV	207°, 36%, 72%
XYZ	27.6592, 30.4025, 49.7311
YIQ	146.6560, -31.0860, 1.6980

Conversions

Conversions Part 2

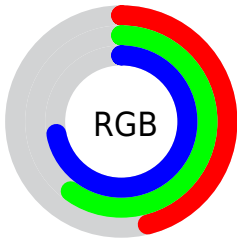
Format	Color
R _Y B	118, 141, 184
Decimal	7772856
CIE Lab	62.00, -4.87, -19.54
CIE LCh	62, 20.138, 256.007
Yxy	30.4025, 0.2566, 0.2820
Android (android.graphics.Color)	4285962936 (0xFF769AB8)
YUV	146.6560, 18.4106, -25.1313
Hunter-Lab	55.1385, -6.9511, -14.8785

Details

The CIELCh color `62, 20.138, 256.007` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `64, 22.924, 66.227`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 20.195, 256.492`, and `42, 20.227, 255.985` is the 20% darker color. If you saturate the color by 10%, you get `59, 25.391, 258.350`, and if you desaturate by 10%, it is `65, 14.703, 254.054`.

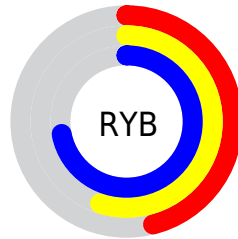
Distribution



Red (46%)

Green (60%)

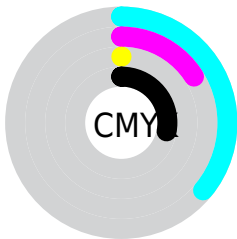
Blue (72%)



Red (46%)

Yellow (55%)

Blue (72%)

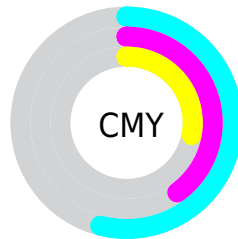


Cyan (36%)

Magenta (16%)

Yellow (0%)

Black (28%)



Cyan (54%)


Magenta (40%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 20.138, 256.007 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, 20.138, 256.007 by changing the saturation by 10% instead.


 62, 20.138,
256.007


 62, 20.138,
256.007


 100, 20.138,
256.007


 52, 20.138,
256.007


 82, 20.138,
256.007

 42, 20.138,
256.007

 92, 20.138,
256.007

 32, 20.138,
256.007

 22, 20.138,
256.007

 12, 20.138,
256.007

 2, 20.138, 256.007

 0, 20.138, 256.007

■ 62, 20.138,
256.007

■ 62, 20.138,
256.007

■ 59, 25.391,
258.350

■ 65, 14.703,
254.054

■ 55, 30.453,
261.154

■ 69, 9.116, 252.438

■ 73, 3.406, 251.142

■ 52, 35.331,
264.470

■ 76, 2.394, 69.726

■ 49, 40.070,
268.318

■ 80, 8.257, 68.868

■ 46, 44.753,
272.657

■ 84, 14.157, 68.060

■ 87, 20.074, 67.357

■ 43, 49.492,
277.345

■ 90, 23.406, 73.909

■ 42, 51.513,
279.213

■ 92, 25.410, 85.017

Harmonies

Complementary

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



62, 20.138, 256.007



64, 22.924, 66.227

Rectangle

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



62, 20.138, 256.007



62, 20.138, 306.007



62, 20.138, 76.007



62, 20.138, 126.007

Sweetspot

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



62, 20.137, 256.005



90, 7.866, 251.784



70, 31.361, 157.738



47, 5.275, 251.964



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



62, 20.137, 256.005



76, 29.604, 257.808



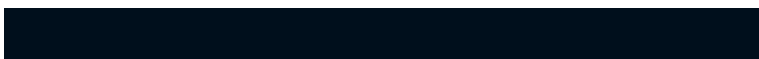
53, 36.281, 292.845



37, 3.267, 251.547



36, 44.973, 278.539



4, 9.789, 263.398

Inverse Universe

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



58, 32.308, 344.515



70, 47.793, 345.424



72, 33.480, 104.506



36, 5.021, 341.974



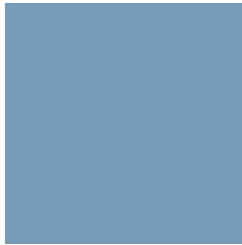
33, 59.307, 357.206



3, 12.544, 348.167

Previews

White Background



This preview shows how the CIELCh color 62, 20.138, 256.007 looks on a white background.

Color Contrast Check

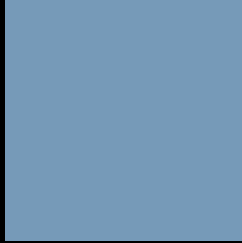
Large Text (above 18pt) WCAG AA × Fail

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, 20.138, 256.007 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

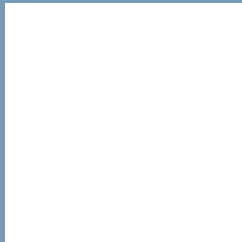
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 20.138, 256.007

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.138, 256.007.



This preview shows how white text looks on a background with the CIELCh color 62, 20.138, 256.007.

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

62, 20.138, 256.007

Protanopia

62, 18.018, 286.568

Deuteranopia

62, 22.491, 291.739



Tritanopia
62, 15.905, 223.478

Trichromacy



Original Color
62, 20.138, 256.007

Protanomaly
62, 18.076, 274.402

Deuteranomaly
62, 20.618, 279.062

Tritanomaly
62, 16.764, 235.743

Monochromacy



Original Color
62, 20.138, 256.007

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.515, 247.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.138, 256.007 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(118, 154, 184)` looks like.

```
.text, #text, p{  
    color:rgb(118, 154, 184)  
}
```

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(118, 154, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 154, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.138, 256.007 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(118, 154, 184) }
```

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

```
.border{ border-color:rgb(118, 154, 184) }
```

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

Here you see how a box with a 4 pixel rgb(118, 154, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 154, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 154, 184);  
box-shadow:4px 4px 4px 4px rgb(118, 154,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.138, 256.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 154, 184) }
```

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

```
.background{ background-color: rgb(118,  
154, 184) }
```

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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