

Converting Colors

CIELCh(62, 20.891, 220.144)

Have a look what the booklet for
CIELCh(62, 20.891, 220.144)
contains.

CIELCh(62, 20.891, 220.144)	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, 20.891, 220.144)

Conversions

Conversions Part 1

Format	Color
Hex	629FAD
RGB	98, 159, 173
RGB Percent	38%, 62%, 68%
CMY	0.6157, 0.3765, 0.3216
CMYK	0.43, 0.08, 0.00, 0.32
HSL	191°, 31%, 53%
HSV	191°, 43%, 68%
XYZ	24.9715, 30.4025, 44.0786
YIQ	142.3570, -40.8500, -8.5780

Conversions

Conversions Part 2

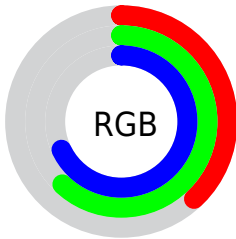
Format	Color
RYB	98, 132, 173
Decimal	6463405
CIELab	62.00, -15.97, -13.47
CIElCh	62, 20.891, 220.144
Yxy	30.4025, 0.2511, 0.3057
Android (android.graphics.Color)	4284653485 (0xFF629FAD)
YUV	142.3570, 15.1070, -38.9011
Hunter-Lab	55.1385, -15.6522, -8.8004

Details

The CIELCh color **62, 20.891, 220.144** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 28.664, 38.313**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 20.960, 219.026**, and **42, 20.952, 221.488** is the 20% darker color. If you saturate the color by 10%, you get **60, 24.442, 221.275**, and if you desaturate by 10%, it is **64, 16.775, 219.307**.

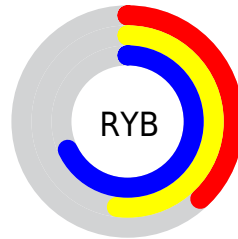
Distribution



Red (38%)

Green (62%)

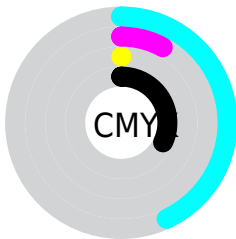
Blue (68%)



Red (38%)

Yellow (52%)

Blue (68%)

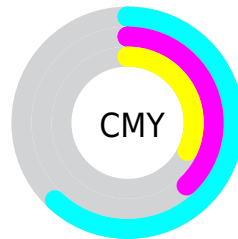


Cyan (43%)

Magenta (8%)

Yellow (0%)

Black (32%)



Cyan (62%)

Magenta (38%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 20.891, 220.144 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, 20.891, 220.144 by changing the saturation by 10% instead.


 62, 20.891,
220.144


 62, 20.891,
220.144


 100, 20.891,
220.144

 52, 20.891,
220.144


 82, 20.891,
220.144

 42, 20.891,
220.144

 92, 20.891,
220.144

 32, 20.891,
220.144

 22, 20.891,
220.144

 12, 20.891,
220.144

 2, 20.891, 220.144

 0, 20.891, 220.144

62, 20.891,
220.144

62, 20.891,
220.144

60, 24.442,
221.275

64, 16.775,
219.307

59, 27.363,
222.775

66, 12.174,
218.717

57, 29.615,
224.717

68, 7.172, 218.332

56, 31.200,
227.179

70, 1.848, 218.264

55, 32.184,
230.221

72, 3.728, 37.718

54, 32.660,
232.453

75, 9.495, 37.738

77, 15.400, 37.766

79, 21.403, 37.836

82, 27.468, 37.940

Harmonies

Complementary

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



62, 20.891, 220.144



53, 28.664, 38.313

Rectangle

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



62, 20.891, 220.144



62, 20.891, 270.144



62, 20.891, 40.144



62, 20.891, 90.144

Sweetspot

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



62, 20.891, 220.141



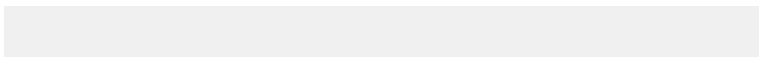
86, 8.630, 218.328



65, 44.053, 146.374



45, 5.996, 218.393



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 20.891, 220.141



77, 29.508, 221.217



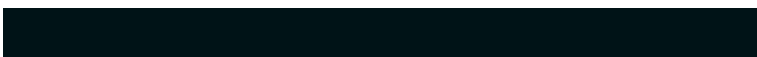
51, 30.410, 279.725



36, 3.079, 218.237



47, 29.454, 232.001



5, 6.456, 226.141

Inverse Universe

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



52, 43.989, 332.830



62, 64.006, 333.488



63, 30.331, 86.874



34, 5.790, 330.601



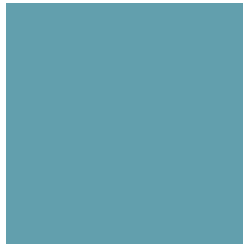
34, 67.578, 337.180



2, 11.573, 332.557

Previews

White Background



This preview shows how the CIELCh color 62, 20.891, 220.144 looks on a white background.

Color Contrast Check

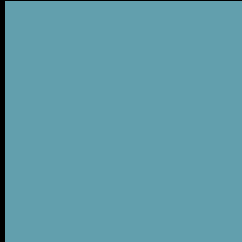
Large Text (above 18pt) WCAG AA × Fail

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, 20.891, 220.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

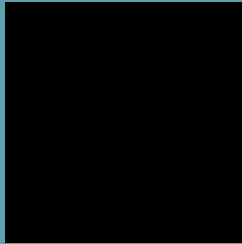
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 20.891, 220.144

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.891, 220.144.

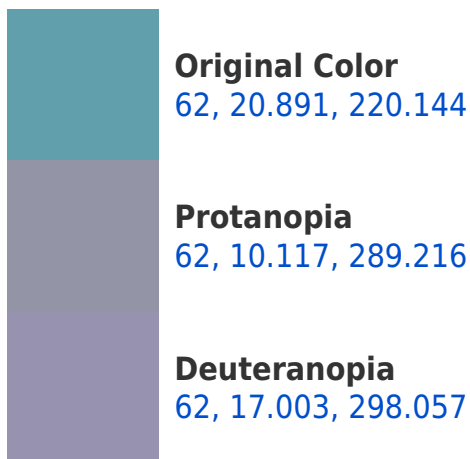


This preview shows how white text looks on a background with the CIELCh color 62, 20.891, 220.144.

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, 20.774, 218.580

Trichromacy



Original Color
62, 20.891, 220.144

Protanomaly
62, 12.317, 250.057

Deuteranomaly
62, 14.812, 265.129

Tritanomaly
62, 20.774, 218.580

Monochromacy



Original Color
62, 20.891, 220.144

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 8.482, 218.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.891, 220.144 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(98, 159, 173)` looks like.

```
.text, #text, p{  
    color:rgb(98, 159, 173)  
}
```

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(98, 159, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 159, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.891, 220.144 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(98, 159, 173) }
```

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

```
.border{ border-color:rgb(98, 159, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 159, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 159, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 159, 173);  
box-shadow:4px 4px 4px 4px rgb(98, 159,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.891, 220.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 159, 173) }
```

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

```
.background{ background-color: rgb(98, 159,  
173) }
```

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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