

Converting Colors

CIELCh(62, 30.189, 227.943)

Have a look what the booklet for
CIELCh(62, 30.189, 227.943)
contains.

CIELCh(62, 30.224, 227.868)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 30.224, 227.868)

Conversions

Conversions Part 1

Format	Color
Hex	3EA2BD
RGB	62, 162, 189
RGB Percent	24%, 64%, 74%
CMY	0.7584, 0.3659, 0.2601
CMYK	0.67, 0.14, 0.00, 0.26
HSL	193°, 51%, 49%
HSV	193°, 67%, 74%
XYZ	23.9777, 30.4025, 52.5670
YIQ	135.1780, -68.2670, -12.8030

Conversions

Conversions Part 2

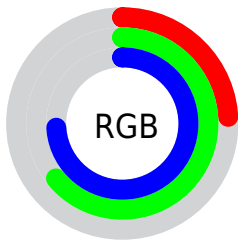
Format	Color
R _Y B	62, 118, 189
Decimal	4104893
CIE Lab	62.00, -20.28, -22.41
CIE LCh	62, 30.224, 227.868
Yxy	30.4025, 0.2242, 0.2843
Android (android.graphics.Color)	4282294973 (0xFF3EA2BD)
YUV	135.1780, 26.5342, -64.1771
Hunter-Lab	55.1385, -18.8694, -17.9280

Details

The CIELCh color **62, 30.224, 227.868** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **50, 51.526, 41.973**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 30.141, 227.592**, and **43, 27.388, 232.607** is the 20% darker color. If you saturate the color by 10%, you get **60, 32.426, 230.396**, and if you desaturate by 10%, it is **64, 27.336, 225.876**.

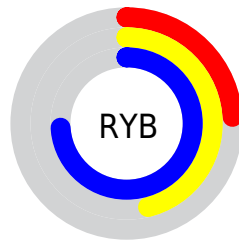
Distribution



Red (24%)

Green (64%)

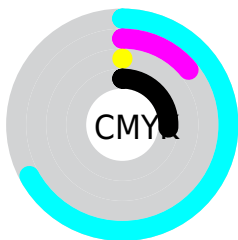
Blue (74%)



Red (24%)

Yellow (46%)

Blue (74%)

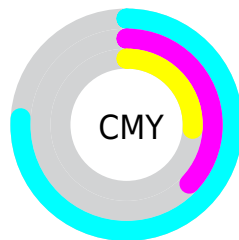


Cyan (67%)

Magenta (14%)

Yellow (0%)

Black (26%)



Cyan (76%)


Magenta (37%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 30.224, 227.868 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, 30.224, 227.868 by changing the saturation by 10% instead.


 62, 30.224,
227.868


 62, 30.224,
227.868


 100, 30.224,
227.868


 52, 30.224,
227.868


 82, 30.224,
227.868

 42, 30.224,
227.868

 92, 30.224,
227.868

 32, 30.224,
227.868

 22, 30.224,
227.868

 12, 30.224,
227.868

 2, 30.224, 227.868

 0, 30.224, 227.868

62, 30.224,
227.868

62, 30.224,
227.868

60, 32.426,
230.396

64, 27.336,
225.876

59, 33.984,
233.538

66, 23.780,
224.336

57, 35.029,
237.302

68, 19.613,
223.167

57, 35.291,
238.328

70, 14.912,
222.298

72, 9.761, 221.673

75, 4.245, 221.285

77, 1.560, 40.520

80, 7.587, 40.583

82, 13.778, 40.500

Harmonies

Complementary

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



62, 30.224, 227.868



50, 51.526, 41.973

Rectangle

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



62, 30.224, 227.868



62, 30.224, 277.868



62, 30.224, 47.868



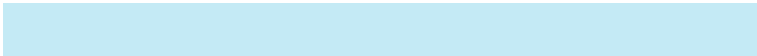
62, 30.224, 97.868

Sweetspot

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



62, 30.223, 227.867



90, 13.782, 221.836



68, 69.366, 143.702



47, 9.317, 222.007



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



62, 30.223, 227.867



76, 40.459, 231.873



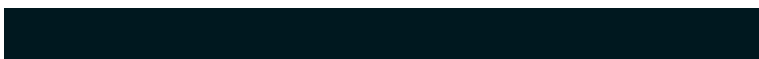
44, 53.364, 287.496



39, 3.257, 221.338



48, 30.907, 237.719



7, 9.476, 230.831

Inverse Universe

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



48, 67.187, 335.692



58, 91.287, 337.024



64, 50.928, 84.751



37, 6.098, 331.518



35, 68.728, 338.765



3, 17.415, 334.880

Previews

White Background



This preview shows how the CIE LCh color 62, 30.224, 227.868 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 62, 30.224, 227.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

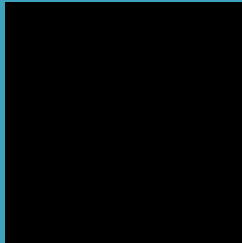
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 30.224, 227.868

Background



This preview shows how black text looks on a background with the CIELCh color 62, 30.224, 227.868.



This preview shows how white text looks on a background with the CIELCh color 62, 30.224, 227.868.

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, 30.452, 211.040

Trichromacy



Original Color
62, 30.224, 227.868

Protanomaly
61, 21.081, 255.090

Deuteranomaly
61, 24.890, 261.290

Tritanomaly
62, 30.118, 216.987

Monochromacy



Original Color
62, 30.224, 227.868

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 13.958, 222.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 30.224, 227.868 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(62, 162, 189)` looks like.

```
.text, #text, p{  
    color:rgb(62, 162, 189)  
}
```

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(62, 162, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 162, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 30.224, 227.868 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(62, 162, 189) }
```

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

```
.border{ border-color:rgb(62, 162, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 162, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 162, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 162, 189);  
box-shadow:4px 4px 4px 4px rgb(62, 162,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 30.224, 227.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 162, 189) }
```

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

```
.background{ background-color: rgb(62, 162,  
189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor