

Converting Colors

CIELCh(62, 24.699, 257.120)

Have a look what the booklet for
CIELCh(62, 24.699, 257.120)
contains.

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Color

CIELCh(62, 24.648, 256.643)

Conversions

Conversions Part 1

Format	Color
Hex	6D9BC0
RGB	109, 155, 192
RGB Percent	43%, 61%, 75%
CMY	0.5734, 0.3930, 0.2480
CMYK	0.43, 0.19, 0.00, 0.25
HSL	207°, 40%, 59%
HSV	207°, 43%, 75%
XYZ	27.4532, 30.4025, 54.1579
YIQ	145.4640, -39.2930, 1.7550

Conversions

Conversions Part 2

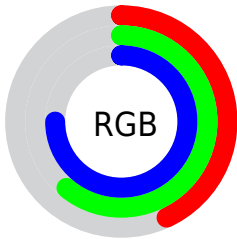
Format	Color
R _Y B	109, 139, 192
Decimal	7183296
CIE Lab	62.00, -5.69, -23.98
CIE LCh	62, 24.648, 256.643
Yxy	30.4025, 0.2451, 0.2714
Android (android.graphics.Color)	4285373376 (0xFF6D9BC0)
YUV	145.4640, 22.9422, -31.9789
Hunter-Lab	55.1385, -7.6180, -19.6387

Details

The CIELCh color **62, 24.648, 256.643** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **64, 29.155, 64.460**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 24.911, 257.690**, and **42, 24.466, 256.232** is the 20% darker color. If you saturate the color by 10%, you get **59, 29.845, 259.324**, and if you desaturate by 10%, it is **66, 19.234, 254.409**.

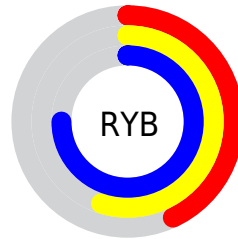
Distribution



Red (43%)

Green (61%)

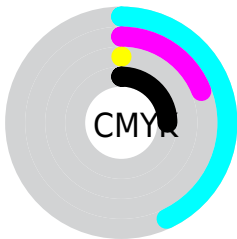
Blue (75%)



Red (43%)

Yellow (55%)

Blue (75%)

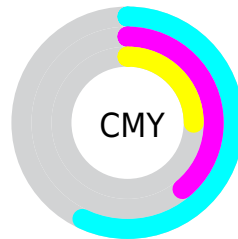


Cyan (43%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (57%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 24.648, 256.643 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, 24.648, 256.643 by changing the saturation by 10% instead.

■ 62, 24.648,
256.643

■ 62, 24.648,
256.643

■ 100, 24.648,
256.643

■ 52, 24.648,
256.643

■ 82, 24.648,
256.643

■ 42, 24.648,
256.643

■ 92, 24.648,
256.643

■ 32, 24.648,
256.643

■ 22, 24.648,
256.643

■ 12, 24.648,
256.643

■ 2, 24.648, 256.643

■ 0, 24.648, 256.643

62, 24.648,
256.643

62, 24.648,
256.643

59, 29.845,
259.324

66, 19.234,
254.409

55, 34.831,
262.515

69, 13.628,
252.557

52, 39.637,
266.249

73, 7.858, 251.032

49, 44.341,
270.507

76, 1.961, 249.892

80, 4.031, 68.506

46, 49.055,
275.181

84, 10.087, 67.649

44, 52.321,
278.335

88, 16.182, 66.882

91, 20.433, 71.933

93, 22.427, 84.974

Harmonies

Complementary

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



62, 24.648, 256.643



64, 29.155, 64.460

Rectangle

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



62, 24.648, 256.643



62, 24.648, 306.643



62, 24.648, 76.643



62, 24.648, 126.643

Sweetspot

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



62, 24.647, 256.642



92, 9.541, 251.023



71, 39.331, 156.051



48, 6.660, 251.336



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 24.647, 256.642



75, 36.145, 259.196



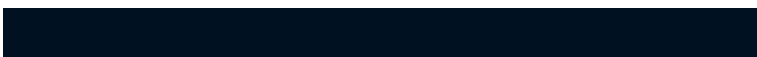
51, 45.112, 293.547



39, 3.397, 250.521



37, 45.345, 277.642



5, 12.091, 264.370

Inverse Universe

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



57, 40.349, 344.890



68, 59.261, 346.123



75, 40.876, 102.942



38, 5.283, 341.531



35, 60.879, 356.520



3, 16.353, 349.050

Previews

White Background



This preview shows how the CIELCh color 62, 24.648, 256.643 looks on a white background.

Color Contrast Check

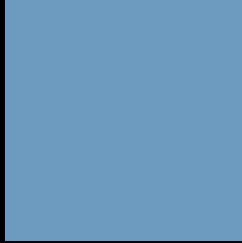
Large Text (above 18pt) WCAG AA × Fail

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, 24.648, 256.643 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

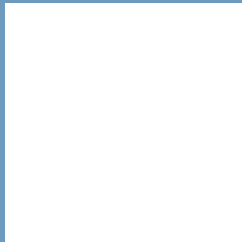
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 24.648, 256.643

Background



This preview shows how black text looks on a background with the CIELCh color 62, 24.648, 256.643.

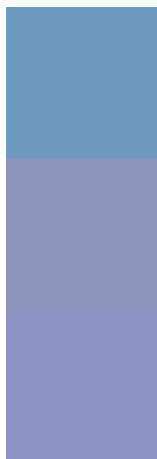


This preview shows how white text looks on a background with the CIELCh color 62, 24.648, 256.643.

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, 24.648, 256.643

Protanopia

62, 21.994, 285.443

Deuteranopia

62, 26.435, 287.969



Tritanopia
62, 19.256, 220.432

Trichromacy



Original Color
62, 24.648, 256.643

Protanomaly
62, 22.721, 274.743

Deuteranomaly
62, 24.833, 276.745

Tritanomaly
62, 20.375, 235.848

Monochromacy



Original Color
62, 24.648, 256.643

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 9.424, 250.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 24.648, 256.643 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(109, 155, 192)` looks like.

```
.text, #text, p{  
    color:rgb(109, 155, 192)  
}
```

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(109, 155, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 155, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 24.648, 256.643 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(109, 155, 192) }
```

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

```
.border{ border-color:rgb(109, 155, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 155, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 155, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 155, 192);  
box-shadow:4px 4px 4px 4px rgb(109, 155,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 24.648, 256.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 155, 192) }
```

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

```
.background{ background-color: rgb(109,  
155, 192) }
```

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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