

Converting Colors

CIELCh(62, 40.779, 283.300)

Have a look what the booklet for
CIELCh(62, 40.779, 283.300)
contains.

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Color

CIELCh(62, 40.779, 283.300)

Conversions

Conversions Part 1

Format	Color
Hex	7994DC
RGB	121, 148, 220
RGB Percent	47%, 58%, 86%
CMY	0.5256, 0.4197, 0.1373
CMYK	0.45, 0.33, 0.00, 0.14
HSL	224°, 59%, 67%
HSV	224°, 45%, 86%
XYZ	31.3837, 30.4025, 71.9077
YIQ	148.1350, -39.2040, 16.6680

Conversions

Conversions Part 2

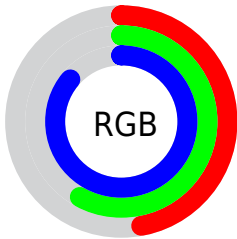
Format	Color
R_{YB}	121, 142, 220
Decimal	7967964
CIE _{Lab}	62.00, 9.38, -39.69
CIE _{LCh}	62, 40.779, 283.300
Yxy	30.4025, 0.2347, 0.2274
Android (android.graphics.Color)	4286158044 (0xFF7994DC)
YUV	148.1350, 35.4294, -23.7974
Hunter-Lab	55.1385, 5.1063, -38.7248

Details

The CIELCh color **62, 40.779, 283.300** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **79, 39.661, 89.957**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 28.941, 276.916**, and **42, 40.847, 283.207** is the 20% darker color. If you saturate the color by 10%, you get **56, 50.514, 285.821**, and if you desaturate by 10%, it is **68, 31.320, 281.123**.

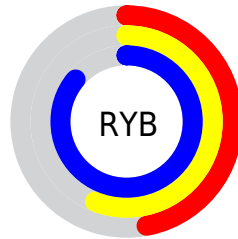
Distribution



Red (47%)

Green (58%)

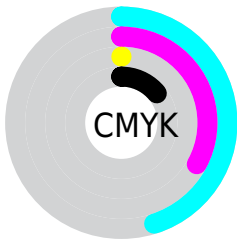
Blue (86%)



Red (47%)

Yellow (56%)

Blue (86%)

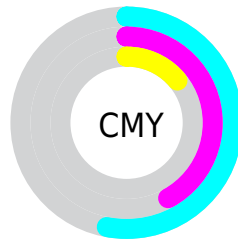


Cyan (45%)

Magenta (33%)

Yellow (0%)

Black (14%)



Cyan (53%)

Magenta (42%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 40.779, 283.300 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, 40.779, 283.300 by changing the saturation by 10% instead.

■ 62, 40.779,
283.300

■ 62, 40.779,
283.300

■ 100, 40.779,
283.300

■ 52, 40.779,
283.300

■ 82, 40.779,
283.300

■ 42, 40.779,
283.300

■ 92, 40.779,
283.300

■ 32, 40.779,
283.300

■ 22, 40.779,
283.300

■ 12, 40.779,
283.300

■ 2, 40.779, 283.300

■ 0, 40.779, 283.300

62, 40.779,
283.300

62, 40.779,
283.300

56, 50.514,
285.821

68, 31.320,
281.123

51, 60.559,
288.689

73, 22.107,
279.257

46, 70.906,
291.856

79, 13.116,
277.667

41, 81.442,
295.197

85, 4.331, 276.331

91, 4.260, 95.053

37, 91.831,
298.499

96, 12.663, 94.068

35, 96.802,
300.001

99, 17.711,
108.838

Harmonies

Complementary

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



62, 40.779, 283.300



79, 39.661, 89.957

Rectangle

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



62, 40.779, 283.300



62, 40.779, 333.300



62, 40.779, 103.300



62, 40.779, 153.300

Sweetspot

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



62, 40.778, 283.300



91, 13.785, 277.538



81, 36.007, 172.390



47, 9.540, 277.858



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 40.778, 283.300



65, 55.865, 285.672



57, 56.911, 302.645



43, 4.922, 276.888



27, 79.775, 299.486



4, 24.053, 287.877

Inverse Universe

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



63, 41.510, 3.721



67, 56.171, 5.738



84, 51.099, 115.683



43, 4.939, 358.717



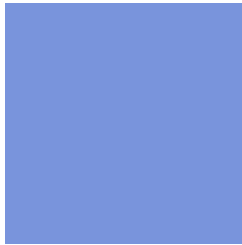
36, 66.472, 23.239



5, 23.837, 8.325

Previews

White Background



This preview shows how the CIELCh color 62, 40.779, 283.300 looks on a white background.

Color Contrast Check

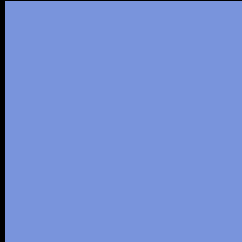
Large Text (above 18pt) WCAG AA × Fail

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, 40.779, 283.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

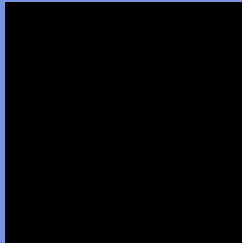
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 40.779, 283.300

Background



This preview shows how black text looks on a background with the CIELCh color 62, 40.779, 283.300.

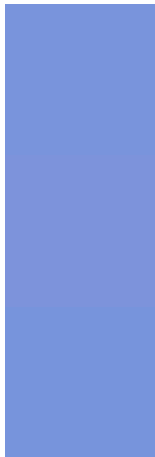


This preview shows how white text looks on a background with the CIELCh color 62, 40.779, 283.300.

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, 40.779, 283.300

Protanopia

62, 40.634, 285.237

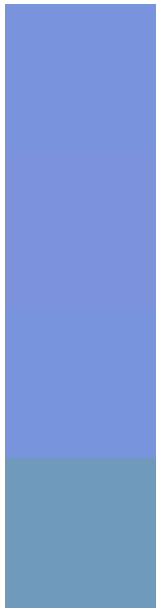
Deuteranopia

62, 40.865, 282.562



Tritanopia
62, 18.073, 220.101

Trichromacy



Original Color
62, 40.779, 283.300

Protanomaly
62, 40.669, 284.853

Deuteranomaly
62, 40.821, 282.930

Tritanomaly
62, 22.793, 256.157

Monochromacy



Original Color
62, 40.779, 283.300

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 14.948, 278.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 40.779, 283.300 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(121, 148, 220)` looks like.

```
.text, #text, p{  
    color:rgb(121, 148, 220)  
}
```

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(121, 148, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 148, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 40.779, 283.300 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(121, 148, 220) }
```

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

```
.border{ border-color:rgb(121, 148, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 148, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 148, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 148, 220); box-shadow:4px 4px 4px 4px rgb(121, 148, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 40.779, 283.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 148, 220) }
```

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

```
.background{ background-color: rgb(121,  
148, 220) }
```

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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