

Converting Colors

CIELCh(62, 41.005, 281.073)

Have a look what the booklet for
CIELCh(62, 41.005, 281.073)
contains.

CIELCh(62, 41.005, 281.073)	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, 41.005, 281.073)

Conversions

Conversions Part 1

Format	Color
Hex	7495DD
RGB	116, 149, 221
RGB Percent	45%, 58%, 87%
CMY	0.5453, 0.4159, 0.1336
CMYK	0.48, 0.33, 0.00, 0.13
HSL	221°, 61%, 66%
HSV	221°, 48%, 87%
XYZ	30.9753, 30.4025, 72.5990
YIQ	147.3410, -42.7800, 15.3960

Conversions

Conversions Part 2

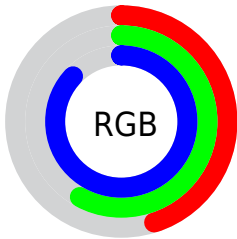
Format	Color
R_{YB}	116, 141, 221
Decimal	7640541
CIE _{Lab}	62.00, 7.88, -40.24
CIE _{LCh}	62, 41.005, 281.073
Yxy	30.4025, 0.2312, 0.2269
Android (android.graphics.Color)	4285830621 (0xFF7495DD)
YUV	147.3410, 36.3139, -27.4861
Hunter-Lab	55.1385, 3.7840, -39.4682

Details

The CIELCh color **62, 41.005, 281.073** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **78, 40.729, 86.381**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 28.889, 273.086**, and **42, 41.065, 281.067** is the 20% darker color. If you saturate the color by 10%, you get **57, 50.180, 283.766**, and if you desaturate by 10%, it is **67, 32.051, 278.745**.

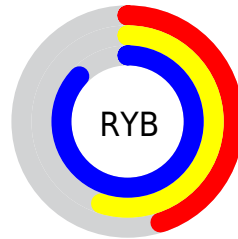
Distribution



Red (45%)

Green (58%)

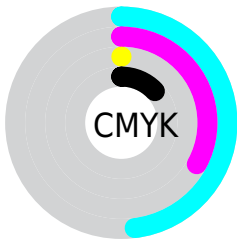
Blue (87%)



Red (45%)

Yellow (55%)

Blue (87%)

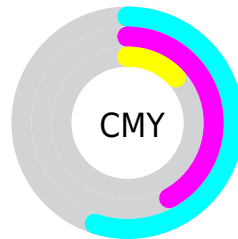


Cyan (48%)

Magenta (33%)

Yellow (0%)

Black (13%)



Cyan (55%)


Magenta (42%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 41.005, 281.073 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, 41.005, 281.073 by changing the saturation by 10% instead.


 62, 41.005,
281.073


 62, 41.005,
281.073


 100, 41.005,
281.073


 52, 41.005,
281.073


 82, 41.005,
281.073

 42, 41.005,
281.073

 92, 41.005,
281.073

 32, 41.005,
281.073

 22, 41.005,
281.073

 12, 41.005,
281.073

 2, 41.005, 281.073

 0, 41.005, 281.073

62, 41.005,
281.073

62, 41.005,
281.073

57, 50.180,
283.766

67, 32.051,
278.745

51, 59.614,
286.824

73, 23.287,
276.751

47, 69.323,
290.194

78, 14.693,
275.051

42, 79.235,
293.745

84, 6.257, 273.613

89, 2.028, 92.198

38, 89.109,
297.246

95, 10.164, 91.211

37, 91.511,
298.038

99, 17.221,
108.862

99, 17.226,
108.875

Harmonies

Complementary

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



62, 41.005, 281.073



78, 40.729, 86.381

Rectangle

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



62, 41.005, 281.073



62, 41.005, 331.073



62, 41.005, 101.073



62, 41.005, 151.073

Sweetspot

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



62, 41.004, 281.073



91, 13.148, 274.532



81, 38.930, 169.693



47, 9.094, 274.859



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, 41.004, 281.073



65, 55.852, 283.747



55, 60.514, 301.981



43, 4.699, 273.866



29, 75.091, 297.461



5, 23.096, 286.244

Inverse Universe

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



62, 44.459, 1.163



66, 59.522, 3.325



85, 53.713, 114.065



43, 5.041, 355.811



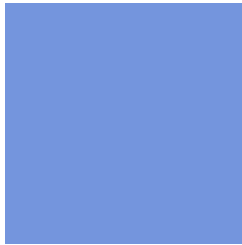
36, 65.148, 19.516



6, 23.938, 6.186

Previews

White Background



This preview shows how the CIELCh color 62, 41.005, 281.073 looks on a white background.

Color Contrast Check

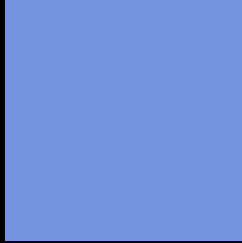
Large Text (above 18pt) WCAG AA × Fail

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, 41.005, 281.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

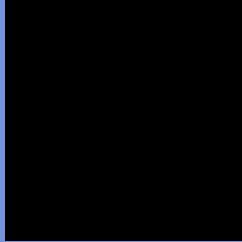
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 41.005, 281.073

Background



This preview shows how black text looks on a background with the CIELCh color 62, 41.005, 281.073.



This preview shows how white text looks on a background with the CIELCh color 62, 41.005, 281.073.

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, 41.005, 281.073

Protanopia

62, 40.634, 285.237

Deuteranopia

62, 41.445, 282.455



Tritanopia
62, 19.908, 217.824

Trichromacy



Original Color
62, 41.005, 281.073

Protanomaly
62, 40.739, 283.673

Deuteranomaly
62, 41.490, 282.099

Tritanomaly
62, 23.876, 252.167

Monochromacy



Original Color
62, 41.005, 281.073

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 15.106, 275.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 41.005, 281.073 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(116, 149, 221)` looks like.

```
.text, #text, p{  
    color:rgb(116, 149, 221)  
}
```

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(116, 149, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 149, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 41.005, 281.073 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(116, 149, 221) }
```

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

```
.border{ border-color:rgb(116, 149, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 149, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 149, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 149, 221);  
box-shadow:4px 4px 4px 4px rgb(116, 149,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 41.005, 281.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 149, 221) }
```

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

```
.background{ background-color: rgb(116,  
149, 221) }
```

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