

Converting Colors

CIELCh(62, 44.824, 268.658)

Have a look what the booklet for
CIELCh(62, 44.824, 268.658)
contains.

CIELCh(62, 44.660, 268.237)	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, 44.660, 268.237)

Conversions

Conversions Part 1

Format	Color
Hex	4A9BE5
RGB	74, 155, 229
RGB Percent	29%, 61%, 90%
CMY	0.7116, 0.3935, 0.1034
CMYK	0.68, 0.32, 0.00, 0.10
HSL	209°, 75%, 59%
HSV	209°, 68%, 90%
XYZ	28.5439, 30.4025, 78.2193
YIQ	139.2170, -72.0300, 5.8420

Conversions

Conversions Part 2

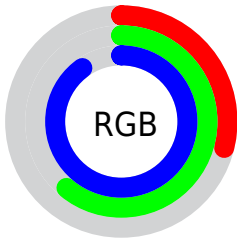
Format	Color
R_{YB}	74, 127, 229
Decimal	4889573
CIE _{Lab}	62.00, -1.37, -44.64
CIE _{LCh}	62, 44.660, 268.237
Yxy	30.4025, 0.2081, 0.2216
Android (android.graphics.Color)	4283079653 (0xFF4A9BE5)
YUV	139.2170, 44.2630, -57.1953
Hunter-Lab	55.1385, -4.0872, -45.5117

Details

The CIELCh color **62, 44.660, 268.237** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **68, 56.059, 64.581**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 31.177, 250.641**, and **43, 43.780, 271.922** is the 20% darker color. If you saturate the color by 10%, you get **58, 50.686, 272.263**, and if you desaturate by 10%, it is **66, 38.546, 264.729**.

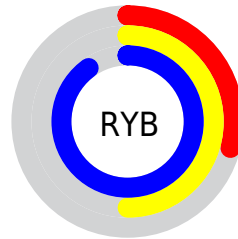
Distribution



Red (29%)

Green (61%)

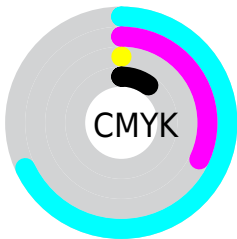
Blue (90%)



Red (29%)

Yellow (50%)

Blue (90%)

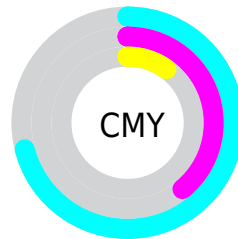


Cyan (68%)

Magenta (32%)

Yellow (0%)

Black (10%)



Cyan (71%)

Magenta (39%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 44.660, 268.237 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, 44.660, 268.237 by changing the saturation by 10% instead.


 62, 44.660,
268.237

 62, 44.660,
268.237


 100, 44.660,
268.237

 52, 44.660,
268.237

 82, 44.660,
268.237

 42, 44.660,
268.237

 92, 44.660,
268.237

 32, 44.660,
268.237

 22, 44.660,
268.237

 12, 44.660,
268.237

 2, 44.660, 268.237

 0, 44.660, 268.237

■ 62, 44.660,
268.237

■ 62, 44.660,
268.237

■ 58, 50.686,
272.263

■ 66, 38.546,
264.729

■ 55, 56.737,
276.726

■ 70, 32.276,
261.738

■ 51, 62.941,
281.426

■ 74, 25.823,
259.223

■ 51, 64.329,
282.403


■ 79, 19.191,
257.124

■ 83, 12.401,
255.377

■ 87, 5.487, 253.948

■ 92, 1.519, 72.349

■ 96, 8.266, 74.444

 99, 12.275,
105.521

Harmonies

Complementary

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



62, 44.660, 268.237



68, 56.059, 64.581

Rectangle

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



62, 44.660, 268.237



62, 44.660, 318.237



62, 44.660, 88.237



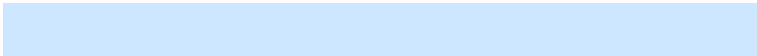
62, 44.660, 138.237

Sweetspot

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



62, 44.659, 268.238



90, 15.171, 255.749



81, 65.483, 153.859



47, 10.326, 256.230



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, 44.659, 268.238



63, 57.441, 273.852



42, 88.671, 300.380



46, 3.988, 254.157



40, 52.627, 281.589



9, 19.015, 272.691

Inverse Universe

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



56, 67.319, 350.728



58, 81.180, 354.022



87, 72.128, 102.356



45, 5.945, 343.164



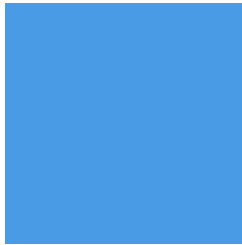
38, 65.156, 359.719



7, 27.853, 353.209

Previews

White Background



This preview shows how the CIE LCh color 62, 44.660, 268.237 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, 44.660, 268.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

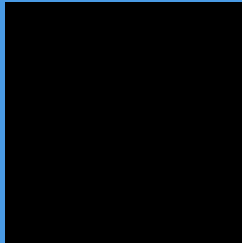
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

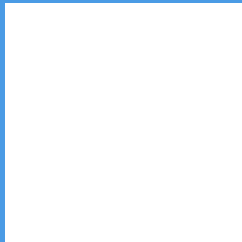
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 44.660, 268.237

Background



This preview shows how black text looks on a background with the CIELCh color 62, 44.660, 268.237.

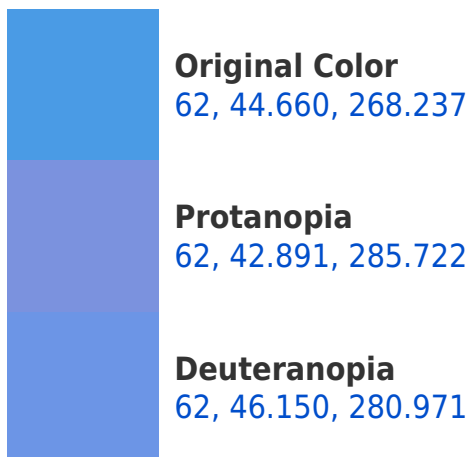



This preview shows how white text looks on a background with the CIELCh color 62, 44.660, 268.237.

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](#).

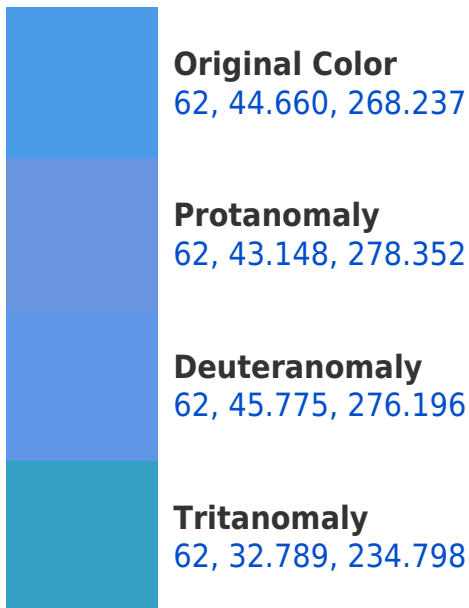
Dichromacy



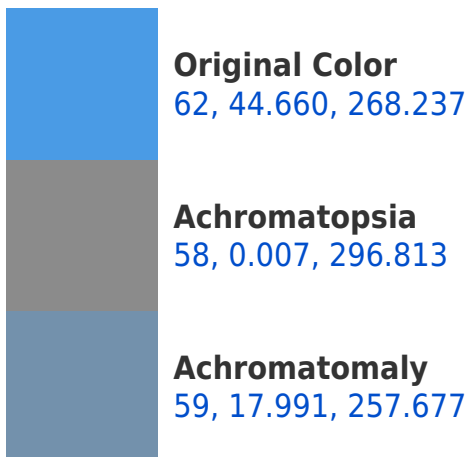


Tritanopia
62, 32.609, 209.932

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 44.660, 268.237 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(74, 155, 229)` looks like.

```
.text, #text, p{  
    color:rgb(74, 155, 229)  
}
```

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(74, 155, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 155, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 44.660, 268.237 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(74, 155, 229) }
```

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

```
.border{ border-color:rgb(74, 155, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 155, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 155, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 155, 229);  
box-shadow:4px 4px 4px 4px rgb(74, 155,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 44.660, 268.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 155, 229) }
```

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

```
.background{ background-color: rgb(74, 155,  
229) }
```

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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