

Converting Colors

CIELCh(62, 41.658, 255.454)

Have a look what the booklet for
CIELCh(62, 41.658, 255.454)
contains.

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Color

CIELCh(62, 41.687, 255.496)

Conversions

Conversions Part 1

Format	Color
Hex	299FDD
RGB	41, 159, 221
RGB Percent	16%, 62%, 87%
CMY	0.8407, 0.3772, 0.1341
CMYK	0.82, 0.28, 0.00, 0.13
HSL	201°, 72%, 51%
HSV	201°, 82%, 87%
XYZ	26.2874, 30.4025, 72.7447
YIQ	130.7860, -90.2300, -5.7340

Conversions

Conversions Part 2

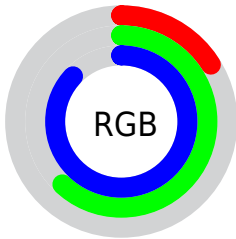
Format	Color
R_{YB}	41, 112, 221
Decimal	2727901
CIE _{Lab}	62.00, -10.44, -40.36
CIE _{LCh}	62, 41.687, 255.496
Yxy	30.4025, 0.2031, 0.2349
Android (android.graphics.Color)	4280917981 (0xFF299FDD)
YUV	130.7860, 44.4755, -78.7423
Hunter-Lab	55.1385, -11.3921, -39.6249

Details

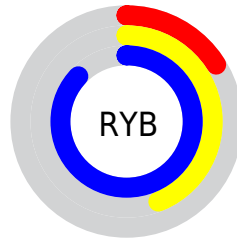
The CIELCh color **62, 41.687, 255.496** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **57, 69.071, 51.749**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 33.814, 238.456**, and **43, 38.499, 264.295** is the 20% darker color. If you saturate the color by 10%, you get **59, 44.999, 260.254**, and if you desaturate by 10%, it is **65, 38.093, 251.367**.

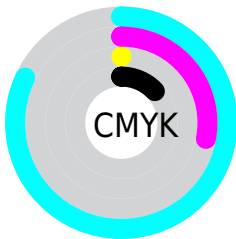
Distribution



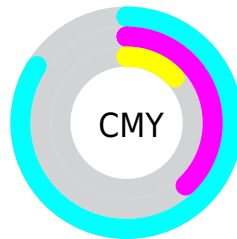
- Red (16%)
- Green (62%)
- Blue (87%)



- Red (16%)
- Yellow (44%)
- Blue (87%)



- Cyan (82%)
- Magenta (28%)
- Yellow (0%)
- Black (13%)





- Cyan (84%)
- Magenta (38%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 41.687, 255.496 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, 41.687, 255.496 by changing the saturation by 10% instead.


 62, 41.687,
255.496


 62, 41.687,
255.496


 100, 41.687,
255.496


 52, 41.687,
255.496


 82, 41.687,
255.496

 42, 41.687,
255.496

 92, 41.687,
255.496

 32, 41.687,
255.496

 22, 41.687,
255.496

 12, 41.687,
255.496

 2, 41.687, 255.496

 0, 41.687, 255.496

■ 62, 41.687,
255.496

■ 62, 41.687,
255.496

■ 59, 44.999,
260.254

■ 65, 38.093,
251.367

■ 57, 47.744,
264.528

■ 68, 34.088,
247.897

■ 71, 29.610,
245.043

■ 74, 24.656,
242.729

■ 77, 19.262,
240.867

■ 80, 13.484,
239.378

■ 84, 7.389, 238.203

■ 87, 1.040, 237.659

Harmonies

Complementary

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



62, 41.687, 255.496



57, 69.071, 51.749

Rectangle

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



62, 41.687, 255.496



62, 41.687, 305.496



62, 41.687, 75.496



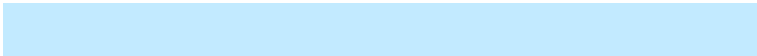
62, 41.687, 125.496

Sweetspot

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



62, 41.686, 255.497



91, 16.743, 239.733



78, 82.250, 145.634



47, 11.405, 240.259



0, 0.000, 0.000



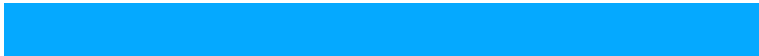
53, 0.007, 296.813

Same Dimension

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



62, 41.686, 255.497



66, 52.763, 263.962



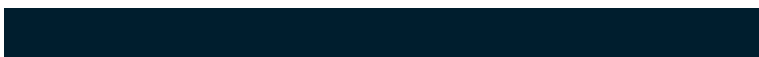
38, 90.209, 299.075



44, 3.611, 237.990



46, 39.454, 263.608



10, 14.366, 252.981

Inverse Universe

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



51, 77.699, 344.625



56, 89.557, 348.307



78, 72.393, 92.834



43, 6.284, 336.761



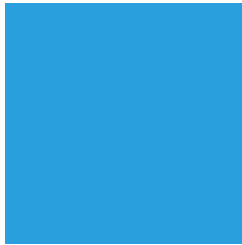
38, 67.385, 348.134



6, 27.238, 343.854

Previews

White Background



This preview shows how the CIE LCh color 62, 41.687, 255.496 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, 41.687, 255.496 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

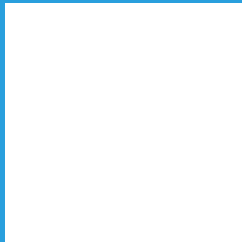
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 41.687, 255.496

Background



This preview shows how black text looks on a background with the CIELCh color 62, 41.687, 255.496.

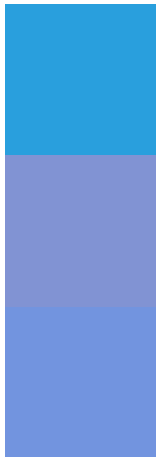


This preview shows how white text looks on a background with the CIELCh color 62, 41.687, 255.496.

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, 41.687, 255.496

Protanopia
62, 36.132, 285.210

Deuteranopia
62, 42.694, 281.594



Tritanopia
62, 34.914, 208.885

Trichromacy



Original Color
62, 41.687, 255.496



Protanomaly
61, 38.125, 270.867



Deuteranomaly
61, 41.807, 270.327



Tritanomaly
62, 34.991, 227.356

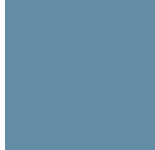
Monochromacy



Original Color
62, 41.687, 255.496



Achromatopsia
55, 0.007, 296.813



Achromatomaly
56, 18.888, 242.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 41.687, 255.496 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(41, 159, 221)` looks like.

```
.text, #text, p{  
    color:rgb(41, 159, 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(41, 159, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 159, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 41.687, 255.496 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(41, 159, 221) }
```

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

```
.border{ border-color:rgb(41, 159, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 159, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 159, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 159, 221);  
box-shadow:4px 4px 4px 4px rgb(41, 159,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 41.687, 255.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 159, 221) }
```

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

```
.background{ background-color: rgb(41, 159,  
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](#).

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