

Converting Colors

CIELCh(62, 43.005, 254.706)

Have a look what the booklet for
CIELCh(62, 43.005, 254.706)
contains.

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Color

CIELCh(62, 43.205, 255.139)

Conversions

Conversions Part 1

Format	Color
Hex	169FDF
RGB	22, 159, 223
RGB Percent	9%, 62%, 87%
CMY	0.9138, 0.3754, 0.1244
CMYK	0.90, 0.29, 0.00, 0.12
HSL	199°, 82%, 48%
HSV	199°, 90%, 88%
XYZ	26.1326, 30.4025, 74.5080
YIQ	125.3330, -102.1960, -9.1400

Conversions

Conversions Part 2

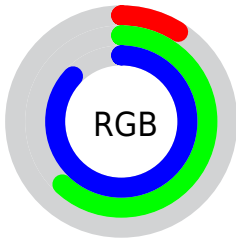
Format	Color
R _Y B	22, 103, 223
Decimal	1482719
CIE Lab	62.00, -11.08, -41.76
CIE LCh	62, 43.205, 255.139
Yxy	30.4025, 0.1994, 0.2320
Android (android.graphics.Color)	4279672799 (0xFF169FDF)
YUV	125.3330, 48.1498, -90.6230
Hunter-Lab	55.1385, -11.8931, -41.5209

Details

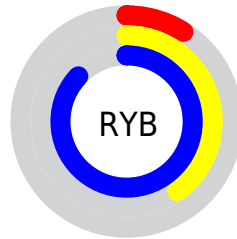
The CIELCh color **62, 43.205, 255.139** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **54, 78.166, 49.232**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 34.885, 236.918**, and **44, 38.962, 264.951** is the 20% darker color. If you saturate the color by 10%, you get **60, 45.933, 260.093**, and if you desaturate by 10%, it is **64, 40.277, 250.570**.

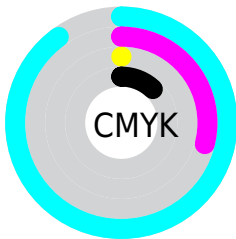
Distribution



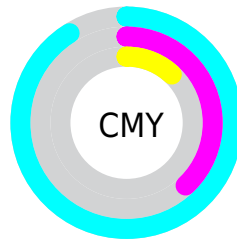
- Red (9%)
- Green (62%)
- Blue (87%)



- Red (9%)
- Yellow (40%)
- Blue (87%)



- Cyan (90%)
- Magenta (29%)
- Yellow (0%)
- Black (12%)





- Cyan (91%)
- Magenta (38%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 43.205, 255.139 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, 43.205, 255.139 by changing the saturation by 10% instead.


 62, 43.205,
255.139


 62, 43.205,
255.139


 100, 43.205,
255.139


 52, 43.205,
255.139


 82, 43.205,
255.139

 42, 43.205,
255.139

 92, 43.205,
255.139

 32, 43.205,
255.139

 22, 43.205,
255.139

 12, 43.205,
255.139

 2, 43.205, 255.139

 0, 43.205, 255.139

■ 62, 43.205,
255.139

■ 62, 43.205,
255.139

■ 60, 45.933,
260.093

■ 64, 40.277,
250.570

■ 67, 36.962,
246.674

■ 70, 33.142,
243.448

■ 73, 28.774,
240.830

■ 76, 23.871,
238.730

■ 79, 18.483,
237.060

■ 82, 12.678,
235.741

■ 85, 6.530, 234.723

Harmonies

Complementary

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



62, 43.205, 255.139



54, 78.166, 49.232

Rectangle

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



62, 43.205, 255.139



62, 43.205, 305.139



62, 43.205, 75.139



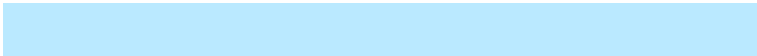
62, 43.205, 125.139

Sweetspot

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



62, 43.204, 255.140



90, 18.579, 236.636



78, 89.829, 143.338



47, 12.401, 237.132



0, 0.000, 0.000



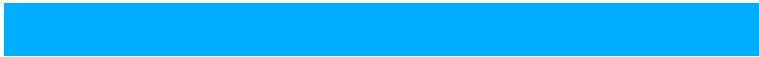
53, 0.007, 296.813

Same Dimension

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



62, 43.204, 255.140



68, 50.992, 260.511



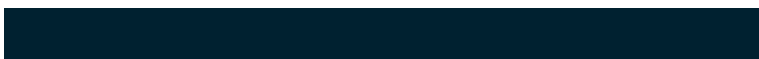
35, 98.943, 300.840



45, 3.670, 234.663



48, 38.113, 259.199



11, 14.490, 249.379

Inverse Universe

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



50, 81.820, 344.497



56, 90.934, 346.716



77, 75.860, 90.491



44, 6.524, 335.646



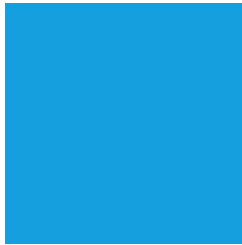
39, 69.151, 346.148



7, 29.051, 342.452

Previews

White Background



This preview shows how the CIE LCh color 62, 43.205, 255.139 looks on a white background.

Color Contrast Check

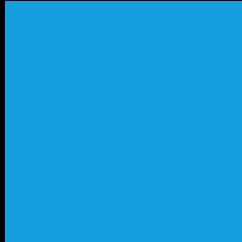
Large Text (above 18pt) WCAG AA × Fail

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, 43.205, 255.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

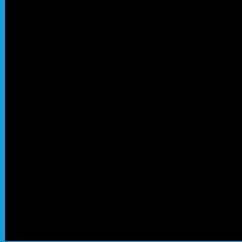
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

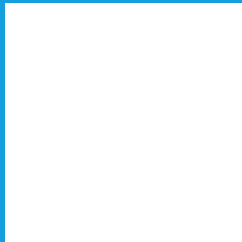
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 43.205, 255.139

Background



This preview shows how black text looks on a background with the CIELCh color 62, 43.205, 255.139.

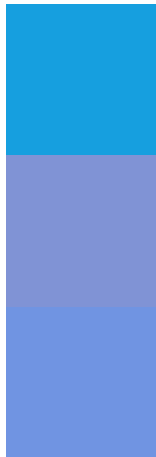


This preview shows how white text looks on a background with the CIELCh color 62, 43.205, 255.139.

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, 43.178, 255.196

Protanopia

62, 37.259, 285.196

Deuteranopia

62, 44.382, 281.734

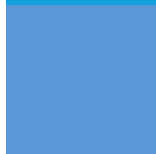


Tritanopia
62, 34.914, 208.885

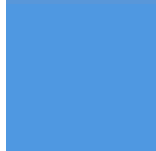
Trichromacy



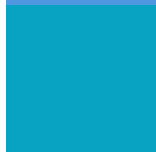
Original Color
62, 43.178, 255.196



Protanomaly
61, 39.693, 269.388



Deuteranomaly
61, 43.770, 269.752



Tritanomaly
62, 35.213, 227.131

Monochromacy



Original Color
62, 43.178, 255.196



Achromatopsia
53, 0.007, 296.813



Achromatomaly
55, 20.339, 239.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 43.205, 255.139 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(22, 159, 223)` looks like.

```
.text, #text, p{  
    color:rgb(22, 159, 223)  
}
```

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(22, 159, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 159, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 43.205, 255.139 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(22, 159, 223) }
```

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

```
.border{ border-color:rgb(22, 159, 223) }
```

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

Here you see how a box with a 4 pixel rgb(22, 159, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 159, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 159, 223);  
box-shadow:4px 4px 4px 4px rgb(22, 159,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 43.205, 255.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 159, 223) }
```

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

```
.background{ background-color: rgb(22, 159,  
223) }
```

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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