

Converting Colors

CIELCh(64, 39.427, 268.814)

Have a look what the booklet for
CIELCh(64, 39.427, 268.814)
contains.

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Color

CIELCh(64, 39.474, 268.754)

Conversions

Conversions Part 1

Format	Color
Hex	619FE1
RGB	97, 159, 225
RGB Percent	38%, 62%, 88%
CMY	0.6193, 0.3762, 0.1174
CMYK	0.57, 0.29, 0.00, 0.12
HSL	211°, 68%, 63%
HSV	211°, 57%, 88%
XYZ	30.9448, 32.8017, 75.9800
YIQ	147.9860, -58.1380, 7.3820

Conversions

Conversions Part 2

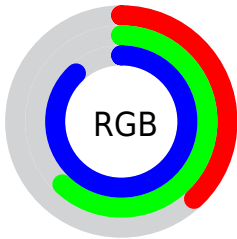
Format	Color
R _Y B	97, 139, 225
Decimal	6397921
CIE Lab	64.00, -0.86, -39.46
CIE LCh	64, 39.474, 268.754
Yxy	32.8017, 0.2215, 0.2348
Android (android.graphics.Color)	4284588001 (0xFF619FE1)
YUV	147.9860, 37.9679, -44.7147
Hunter-Lab	57.2727, -3.7828, -38.5653

Details

The CIELCh color `64, 39.474, 268.754` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `72, 45.781, 69.756`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 27.493, 253.050`, and `44, 39.270, 268.442` is the 20% darker color. If you saturate the color by 10%, you get `60, 46.128, 272.169`, and if you desaturate by 10%, it is `68, 32.750, 265.823`.

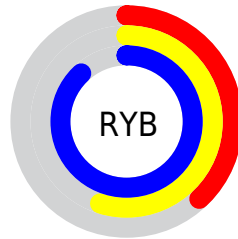
Distribution



Red (38%)

Green (62%)

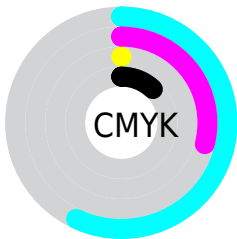
Blue (88%)



Red (38%)

Yellow (55%)

Blue (88%)

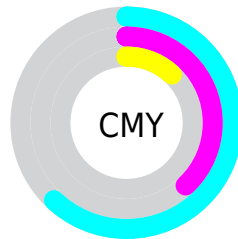


Cyan (57%)

Magenta (29%)

Yellow (0%)

Black (12%)



Cyan (62%)

Magenta (38%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 39.474, 268.754 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 64, 39.474, 268.754 by changing the saturation by 10% instead.

■ 64, 39.474,
268.754

■ 64, 39.474,
268.754

■ 100, 39.474,
268.754

■ 54, 39.474,
268.754

■ 84, 39.474,
268.754

■ 44, 39.474,
268.754

■ 94, 39.474,
268.754

■ 34, 39.474,
268.754

■ 24, 39.474,
268.754

■ 14, 39.474,
268.754

■ 4, 39.474, 268.754

■ 0, 39.474, 268.754

64, 39.474,
268.754

64, 39.474,
268.754

60, 46.128,
272.169

68, 32.750,
265.823

56, 52.782,
276.059

73, 25.926,
263.341

52, 59.527,
280.342

77, 19.000,
261.253

49, 66.460,
284.835

82, 11.983,
259.503


47, 68.691,
286.182

86, 4.899, 258.064

91, 2.227, 76.549

96, 9.371, 75.606

99, 13.654,
104.402

 99, 15.145,
109.033

Harmonies

Complementary

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



64, 39.474, 268.754



72, 45.781, 69.756

Rectangle

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



64, 39.474, 268.754



64, 39.474, 318.754



64, 39.474, 88.754



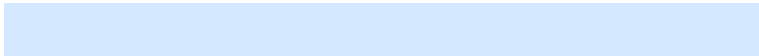
64, 39.474, 138.754

Sweetspot

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



64, 39.473, 268.754



91, 13.363, 259.543



81, 54.187, 157.337



48, 8.930, 259.874



0, 0.000, 0.000



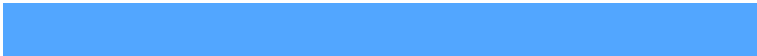
53, 0.007, 296.813

Same Dimension

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



64, 39.473, 268.754



67, 51.864, 272.762



48, 74.825, 298.976



45, 4.036, 258.401



37, 56.208, 285.404



8, 19.477, 276.268

Inverse Universe

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



59, 56.838, 351.177



62, 72.338, 353.530



87, 63.314, 104.857



44, 5.686, 345.261



38, 64.037, 3.323



6, 26.280, 355.892

Previews

White Background



This preview shows how the CIELCh color 64, 39.474, 268.754 looks on a white background.

Color Contrast Check

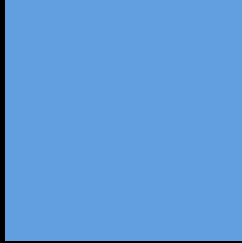
Large Text (above 18pt) WCAG AA × Fail

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 64, 39.474, 268.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

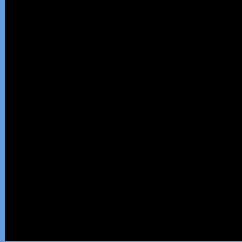
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 39.474, 268.754

Background



This preview shows how black text looks on a background with the CIELCh color 64, 39.474, 268.754.




This preview shows how white text looks on a background with the CIELCh color 64, 39.474, 268.754.

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
64, 26.769, 214.528

Trichromacy



Original Color
64, 39.474, 268.754

Protanomaly
64, 37.702, 278.213

Deuteranomaly
64, 40.657, 277.676

Tritanomaly
64, 28.249, 239.064

Monochromacy



Original Color
64, 39.474, 268.754

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 15.389, 260.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 39.474, 268.754 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(97, 159, 225)` looks like.

```
.text, #text, p{  
    color:rgb(97, 159, 225)  
}
```

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(97, 159, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 159, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 39.474, 268.754 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(97, 159, 225) }
```

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

```
.border{ border-color:rgb(97, 159, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 159, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 159, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 159, 225);  
box-shadow:4px 4px 4px 4px rgb(97, 159,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 39.474, 268.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 159, 225) }
```

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

```
.background{ background-color: rgb(97, 159,  
225) }
```

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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