

Converting Colors

CIELCh(64, 24.365, 260.943)

Have a look what the booklet for
CIELCh(64, 24.365, 260.943)
contains.

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Color

CIELCh(64, 24.172, 260.728)

Conversions

Conversions Part 1

Format	Color
Hex	779FC5
RGB	119, 159, 197
RGB Percent	47%, 62%, 77%
CMY	0.5329, 0.3760, 0.2270
CMYK	0.40, 0.19, 0.00, 0.23
HSL	209°, 40%, 62%
HSV	209°, 40%, 77%
XYZ	30.1325, 32.8017, 57.6372
YIQ	151.3720, -36.0380, 3.3380

Conversions

Conversions Part 2

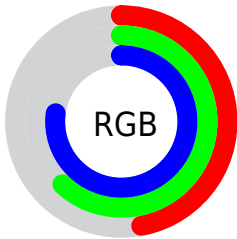
Format	Color
RYB	119, 145, 197
Decimal	7839685
CIELab	64.00, -3.89, -23.86
CIElCh	64, 24.172, 260.728
Yxy	32.8017, 0.2499, 0.2721
Android (android.graphics.Color)	4286029765 (0xFF779FC5)
YUV	151.3720, 22.4946, -28.3902
Hunter-Lab	57.2727, -6.3143, -19.5763

Details

The CIELCh color `64, 24.172, 260.728` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `68, 27.295, 69.196`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 24.108, 260.501`, and `44, 24.013, 260.235` is the 20% darker color. If you saturate the color by 10%, you get `60, 29.974, 263.284`, and if you desaturate by 10%, it is `68, 18.226, 258.582`.

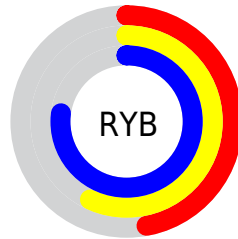
Distribution



Red (47%)

Green (62%)

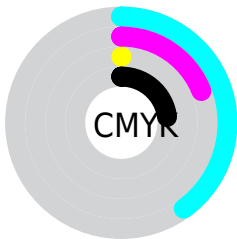
Blue (77%)



Red (47%)

Yellow (57%)

Blue (77%)

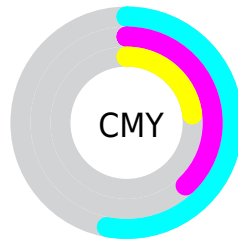


Cyan (40%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (53%)

Magenta (38%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 24.172, 260.728 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, 24.172, 260.728 by changing the saturation by 10% instead.

 64, 24.172,
260.728

 64, 24.172,
260.728


 100, 24.172,
260.728


 54, 24.172,
260.728


 84, 24.172,
260.728

 44, 24.172,
260.728

 94, 24.172,
260.728

 34, 24.172,
260.728

 24, 24.172,
260.728

 14, 24.172,
260.728

 4, 24.172, 260.728

 0, 24.172, 260.728

64, 24.172,
260.728

64, 24.172,
260.728

60, 29.974,
263.284

68, 18.226,
258.582

57, 35.636,
266.309

72, 12.156,
256.790

53, 41.189,
269.838

76, 5.984, 255.308

50, 46.697,
273.856

80, 0.263, 72.543

84, 6.556, 72.826

46, 52.257,
278.276

88, 12.874, 71.927

43, 57.986,
282.822

92, 18.695, 73.087

94, 21.193, 88.538

43, 58.240,
283.006

96, 24.867, 99.953

Harmonies

Complementary

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



64, 24.172, 260.728



68, 27.295, 69.196

Rectangle

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



64, 24.172, 260.728



64, 24.172, 310.728



64, 24.172, 80.728



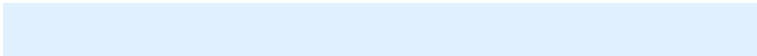
64, 24.172, 130.728

Sweetspot

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



64, 24.171, 260.727



94, 9.231, 255.665



74, 35.462, 158.922



49, 6.118, 255.855



0, 0.000, 0.000



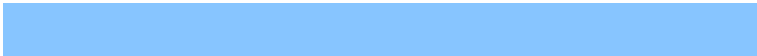
53, 0.007, 296.813

Same Dimension

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



64, 24.171, 260.727



77, 35.094, 262.777



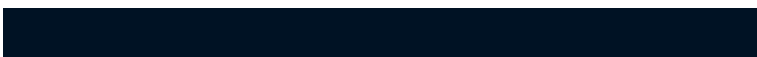
53, 44.283, 294.827



40, 3.572, 255.284



36, 49.949, 282.319



5, 13.813, 269.177

Inverse Universe

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



60, 36.921, 346.809



71, 53.669, 347.879



78, 40.133, 105.662



39, 5.247, 343.694



35, 60.885, 0.367



4, 17.985, 352.202

Previews

White Background



This preview shows how the CIELCh color 64, 24.172, 260.728 looks on a white background.

Color Contrast Check

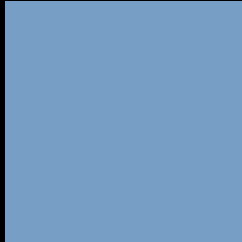
Large Text (above 18pt) WCAG AA × Fail

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, 24.172, 260.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

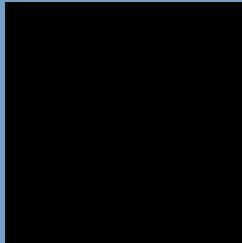
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

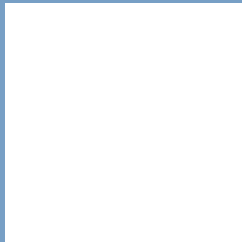
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 24.172, 260.728

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.172, 260.728.

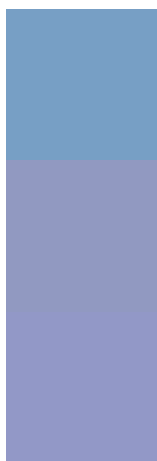


This preview shows how white text looks on a background with the CIELCh color 64, 24.172, 260.728.

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


64, 24.172, 260.728

Protanopia

64, 22.416, 285.600

Deuteranopia

64, 26.260, 288.576



Tritanopia
64, 17.659, 222.570

Trichromacy



Original Color
64, 24.172, 260.728

Protanomaly
64, 22.436, 276.151

Deuteranomaly
64, 24.555, 278.005

Tritanomaly
64, 19.023, 238.854

Monochromacy



Original Color
64, 24.172, 260.728

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 9.395, 255.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.172, 260.728 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(119, 159, 197)` looks like.

```
.text, #text, p{  
    color:rgb(119, 159, 197)  
}
```

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(119, 159, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 159, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.172, 260.728 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(119, 159, 197) }
```

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

```
.border{ border-color:rgb(119, 159, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 159, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 159, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 159, 197);  
box-shadow:4px 4px 4px 4px rgb(119, 159,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.172, 260.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 159, 197) }
```

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

```
.background{ background-color: rgb(119,  
159, 197) }
```

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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