

Converting Colors

CIELCh(64, 23.258, 256.828)

Have a look what the booklet for
CIELCh(64, 23.258, 256.828)
contains.

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Color

CIELCh(64, 23.275, 256.248)

Conversions

Conversions Part 1

Format	Color
Hex	75A0C3
RGB	117, 160, 195
RGB Percent	46%, 63%, 76%
CMY	0.5417, 0.3731, 0.2358
CMYK	0.40, 0.18, 0.00, 0.24
HSL	207°, 39%, 61%
HSV	207°, 40%, 76%
XYZ	29.7002, 32.8017, 56.3132
YIQ	151.1330, -36.8630, 1.7690

Conversions

Conversions Part 2

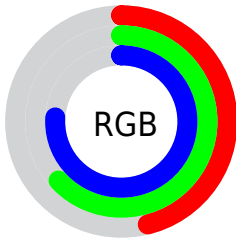
Format	Color
R _Y B	117, 145, 195
Decimal	7708867
CIE Lab	64.00, -5.53, -22.61
CIE LCh	64, 23.275, 256.248
Yxy	32.8017, 0.2500, 0.2761
Android (android.graphics.Color)	4285898947 (0xFF75A0C3)
YUV	151.1330, 21.6264, -29.9346
Hunter-Lab	57.2727, -7.6617, -18.2058

Details

The CIELCh color `64, 23.275, 256.248` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `66, 27.087, 65.126`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 23.279, 256.234`, and `44, 23.033, 255.437` is the 20% darker color. If you saturate the color by 10%, you get `60, 28.639, 258.785`, and if you desaturate by 10%, it is `68, 17.702, 254.136`.

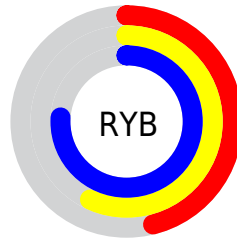
Distribution



Red (46%)

Green (63%)

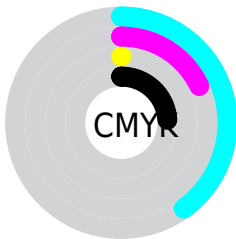
Blue (76%)



Red (46%)

Yellow (57%)

Blue (76%)

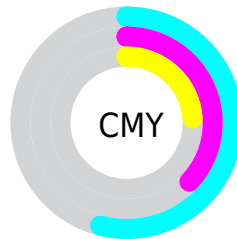


Cyan (40%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (37%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 23.275, 256.248 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, 23.275, 256.248 by changing the saturation by 10% instead.

 64, 23.275,
256.248


 64, 23.275,
256.248


 100, 23.275,
256.248


 54, 23.275,
256.248


 84, 23.275,
256.248

 44, 23.275,
256.248

 94, 23.275,
256.248

 34, 23.275,
256.248

 24, 23.275,
256.248

 14, 23.275,
256.248

 4, 23.275, 256.248

 0, 23.275, 256.248

64, 23.275,
256.248

64, 23.275,
256.248

60, 28.639,
258.785

68, 17.702,
254.136

57, 33.790,
261.814

71, 11.947,
252.387

54, 38.750,
265.379

75, 6.042, 250.954

51, 43.585,
269.479

79, 0.023, 267.561

83, 6.082, 68.563

48, 48.397,
274.036

86, 12.239, 67.720

45, 53.326,
278.742

90, 18.425, 66.983

92, 20.458, 80.569

95, 23.206, 92.686

Harmonies

Complementary

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



64, 23.275, 256.248



66, 27.087, 65.126

Rectangle

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



64, 23.275, 256.248



64, 23.275, 306.248



64, 23.275, 76.248



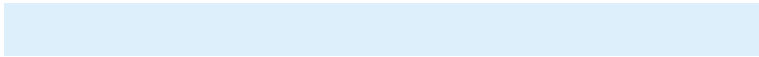
64, 23.275, 126.248

Sweetspot

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



64, 23.274, 256.247



94, 8.906, 251.237



73, 36.997, 156.445



50, 5.948, 251.420



0, 0.000, 0.000



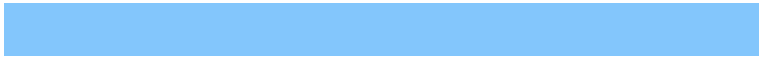
53, 0.007, 296.813

Same Dimension

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



64, 23.274, 256.247



77, 33.979, 258.434



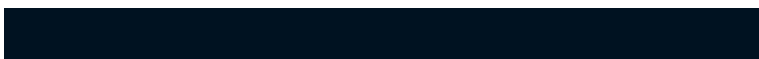
54, 41.993, 292.934



39, 3.404, 250.871



37, 45.619, 277.994



5, 12.130, 264.672

Inverse Universe

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



59, 37.835, 344.677



70, 55.465, 345.750



76, 38.415, 103.266



38, 5.272, 341.681



35, 60.819, 356.787



3, 16.322, 349.231

Previews

White Background



This preview shows how the CIE LCh color 64, 23.275, 256.248 looks on a white background.

Color Contrast Check

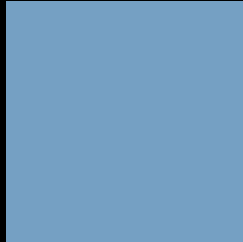
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 23.275, 256.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

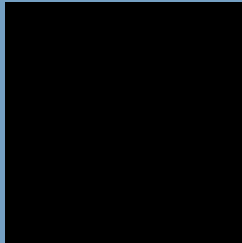
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 23.275, 256.248

Background



This preview shows how black text looks on a background with the CIELCh color 64, 23.275, 256.248.

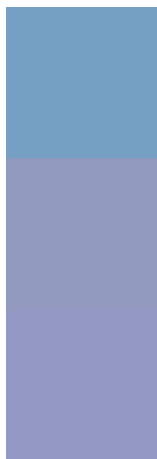


This preview shows how white text looks on a background with the CIELCh color 64, 23.275, 256.248.

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, 23.275, 256.248

Protanopia

64, 20.731, 285.732

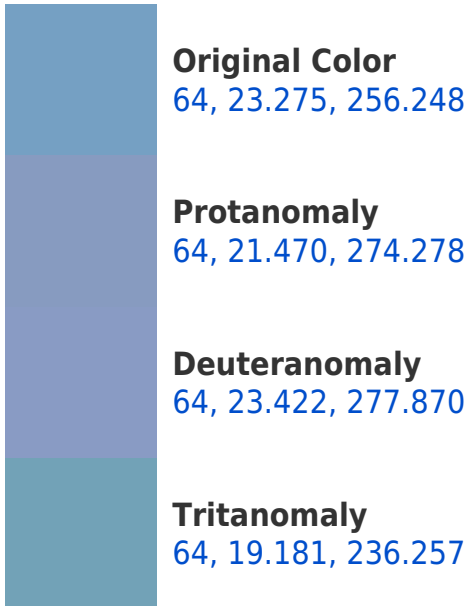
Deuteranopia

64, 25.123, 289.752

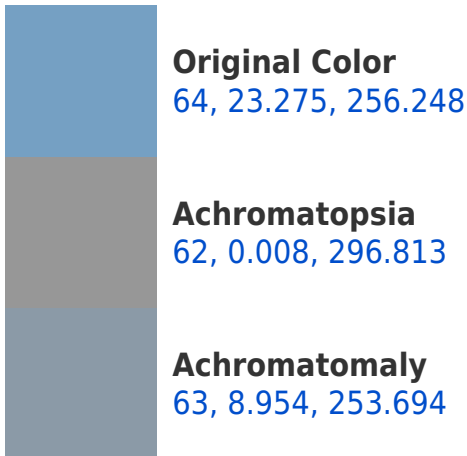


Tritanopia
64, 18.191, 221.775

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 23.275, 256.248 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(117, 160, 195)` looks like.

```
.text, #text, p{  
    color:rgb(117, 160, 195)  
}
```

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(117, 160, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 160, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 23.275, 256.248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

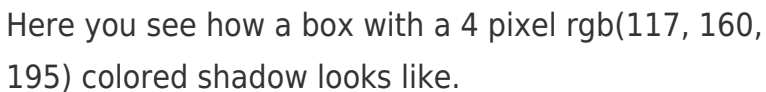
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 160, 195) }
```

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

```
.border{ border-color:rgb(117, 160, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 160, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 160, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 160, 195);  
box-shadow:4px 4px 4px 4px rgb(117, 160,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 23.275, 256.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 160, 195) }
```

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

```
.background{ background-color: rgb(117,  
160, 195) }
```

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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