

Converting Colors

CIELCh(65, 20.461, 246.612)

Have a look what the booklet for
CIELCh(65, 20.461, 246.612)
contains.

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Color

CIELCh(65, 20.438, 246.157)

Conversions

Conversions Part 1

Format	Color
Hex	77A4BF
RGB	119, 164, 191
RGB Percent	47%, 64%, 75%
CMY	0.5349, 0.3584, 0.2526
CMYK	0.38, 0.14, 0.00, 0.25
HSL	202°, 36%, 61%
HSV	202°, 38%, 75%
XYZ	30.1175, 34.0472, 54.0400
YIQ	153.6230, -35.4870, -1.1430

Conversions

Conversions Part 2

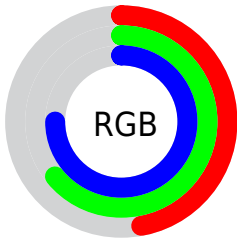
Format	Color
R _Y B	119, 147, 191
Decimal	7840959
CIE Lab	65.00, -8.26, -18.69
CIE LCh	65, 20.438, 246.157
Yxy	34.0472, 0.2548, 0.2880
Android (android.graphics.Color)	4286031039 (0xFF77A4BF)
YUV	153.6230, 18.4269, -30.3644
Hunter-Lab	58.3500, -9.9792, -14.0656

Details

The CIELCh color $65, 20.438, 246.157$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $64, 24.753, 57.460$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 20.386, 245.252$, and $45, 20.738, 247.206$ is the 20% darker color. If you saturate the color by 10%, you get $62, 25.189, 248.385$, and if you desaturate by 10%, it is $68, 15.367, 244.340$.

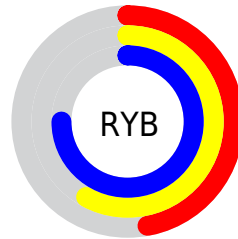
Distribution



Red (47%)

Green (64%)

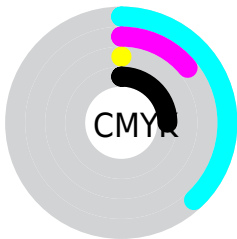
Blue (75%)



Red (47%)

Yellow (58%)

Blue (75%)

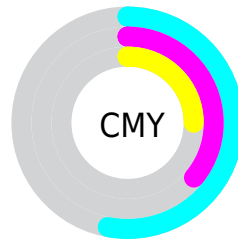


Cyan (38%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (53%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 20.438, 246.157 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 65, 20.438, 246.157 by changing the saturation by 10% instead.

■ 65, 20.438,
246.157

■ 65, 20.438,
246.157

■ 100, 20.438,
246.157

■ 55, 20.438,
246.157

■ 85, 20.438,
246.157

■ 45, 20.438,
246.157

■ 95, 20.438,
246.157

■ 35, 20.438,
246.157

■ 25, 20.438,
246.157

■ 15, 20.438,
246.157

■ 5, 20.438, 246.157

■ 0, 20.438, 246.157

65, 20.438,
246.157

65, 20.438,
246.157

62, 25.189,
248.385

68, 15.367,
244.340

59, 29.590,
251.112

71, 10.022,
242.873

56, 33.635,
254.407

75, 4.455, 241.718

54, 37.363,
258.318

78, 1.289, 60.281

81, 7.165, 59.747

51, 40.866,
262.829

85, 13.136, 59.098

49, 44.301,
267.778

88, 19.171, 58.543

90, 20.572, 68.893

48, 45.096,
268.850

92, 21.944, 80.183

Harmonies

Complementary

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



65, 20.438, 246.157



64, 24.753, 57.460

Rectangle

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



65, 20.438, 246.157



65, 20.438, 296.157



65, 20.438, 66.157



65, 20.438, 116.157

Sweetspot

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



65, 20.437, 246.155



93, 7.752, 242.073



72, 36.259, 153.753



49, 5.240, 242.228



99, 0.012, 296.813



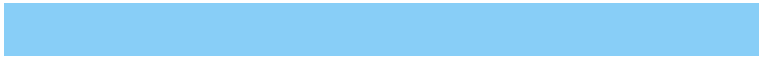
52, 0.007, 296.813

Same Dimension

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



65, 20.437, 246.155



80, 29.487, 247.890



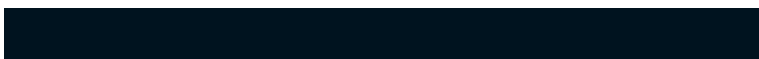
55, 35.843, 289.518



38, 3.215, 241.876



40, 38.870, 268.062



5, 10.228, 255.687

Inverse Universe

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



59, 36.777, 340.576



71, 53.713, 341.385



73, 33.538, 99.994



37, 5.431, 338.125



34, 62.005, 350.403



3, 15.141, 344.183

Previews

White Background



This preview shows how the CIE LCh color 65, 20.438, 246.157 looks on a white background.

Color Contrast Check

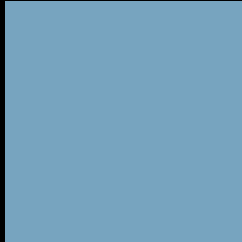
Large Text (above 18pt) WCAG AA × Fail

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 65, 20.438, 246.157 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 65, 20.438, 246.157

Background



This preview shows how black text looks on a background with the CIELCh color 65, 20.438, 246.157.



This preview shows how white text looks on a background with the CIELCh color 65, 20.438, 246.157.

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

65, 20.438, 246.157

Protanopia

65, 16.193, 285.656

Deuteranopia

65, 21.733, 293.352



Tritanopia
65, 17.909, 222.116

Trichromacy



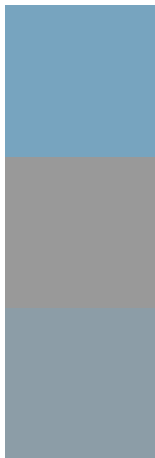
Original Color
65, 20.438, 246.157

Protanomaly
65, 16.791, 267.777

Deuteranomaly
65, 19.968, 277.491

Tritanomaly
65, 18.387, 231.505

Monochromacy



Original Color
65, 20.438, 246.157

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 8.200, 242.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 20.438, 246.157 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, 164, 191)` looks like.

```
.text, #text, p{  
    color:rgb(119, 164, 191)  
}
```

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, 164, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 164, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 20.438, 246.157 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, 164, 191) }
```

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

```
.border{ border-color:rgb(119, 164, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 164, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 164, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 164, 191);  
box-shadow:4px 4px 4px 4px rgb(119, 164,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 20.438, 246.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 164, 191) }
```

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

```
.background{ background-color: rgb(119,  
164, 191) }
```

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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