

Converting Colors

CIELCh(65, 20.990, 248.661)

Have a look what the booklet for
CIELCh(65, 20.990, 248.661)
contains.

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Color

CIELCh(65, 20.993, 249.215)

Conversions

Conversions Part 1

Format	Color
Hex	77A3C0
RGB	119, 163, 192
RGB Percent	47%, 64%, 75%
CMY	0.5323, 0.3597, 0.2460
CMYK	0.38, 0.15, 0.00, 0.25
HSL	204°, 37%, 61%
HSV	204°, 38%, 75%
XYZ	30.3332, 34.0472, 55.0009
YIQ	153.1500, -35.5330, -0.3090

Conversions

Conversions Part 2

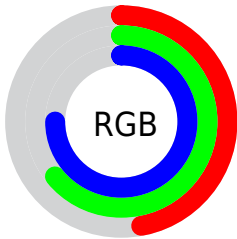
Format	Color
R_{YB}	119, 146, 192
Decimal	7840704
CIE _{Lab}	65.00, -7.45, -19.63
CIE _{LCh}	65, 20.993, 249.215
Y _{xy}	34.0472, 0.2541, 0.2852
Android (android.graphics.Color)	4286030784 (0xFF77A3C0)
YUV	153.1500, 19.1530, -29.9496
Hunter-Lab	58.3500, -9.3192, -15.0420

Details

The CIELCh color $65, 20.993, 249.215$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $65, 25.086, 59.860$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 20.706, 248.768$, and $45, 20.960, 249.184$ is the 20% darker color. If you saturate the color by 10%, you get $62, 25.927, 251.535$, and if you desaturate by 10%, it is $68, 15.772, 247.311$.

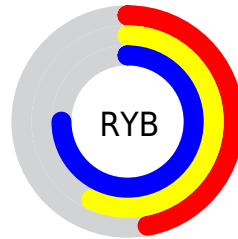
Distribution



Red (47%)

Green (64%)

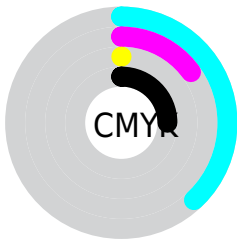
Blue (75%)



Red (47%)

Yellow (57%)

Blue (75%)

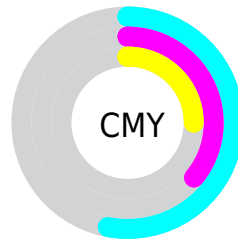


Cyan (38%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (53%)


Magenta (36%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 20.993, 249.215 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, 20.993, 249.215 by changing the saturation by 10% instead.


 65, 20.993,
249.215


 65, 20.993,
249.215


 100, 20.993,
249.215


 55, 20.993,
249.215


 85, 20.993,
249.215

 45, 20.993,
249.215

 95, 20.993,
249.215

 35, 20.993,
249.215

 25, 20.993,
249.215

 15, 20.993,
249.215

 5, 20.993, 249.215

 0, 20.993, 249.215

65, 20.993,
249.215

65, 20.993,
249.215

62, 25.927,
251.535

68, 15.772,
247.311

59, 30.551,
254.352

72, 10.305,
245.760

56, 34.866,
257.731

75, 4.637, 244.524

53, 38.919,
261.706

79, 1.188, 63.003

82, 7.130, 62.424

50, 42.805,
266.245

86, 13.155, 61.713

48, 46.678,
271.164

89, 19.234, 61.101

91, 20.429, 73.574

47, 47.494,
272.127

93, 22.283, 85.180

Harmonies

Complementary

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



65, 20.993, 249.215



65, 25.086, 59.860

Rectangle

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



65, 20.993, 249.215



65, 20.993, 299.215



65, 20.993, 69.215



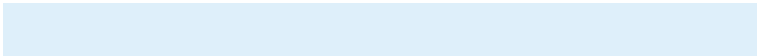
65, 20.993, 119.215

Sweetspot

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



65, 20.992, 249.213



94, 7.883, 244.883



72, 36.222, 154.441



49, 5.286, 245.048



99, 0.012, 296.813



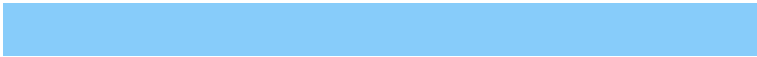
52, 0.007, 296.813

Same Dimension

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



65, 20.992, 249.213



79, 30.852, 251.222



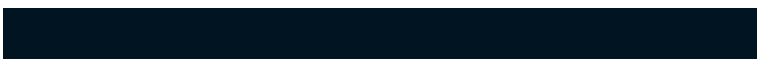
55, 37.030, 290.348



39, 3.313, 244.676



40, 41.137, 271.390



6, 11.488, 258.984

Inverse Universe

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



59, 36.699, 341.724



71, 54.518, 342.666



74, 34.481, 100.891



38, 5.464, 339.169



35, 62.053, 352.309



3, 16.900, 346.100

Previews

White Background



This preview shows how the CIE LCh color 65, 20.993, 249.215 looks on a white background.

Color Contrast Check

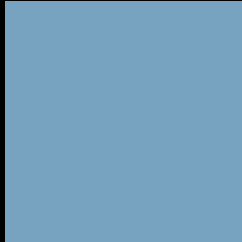
Large Text (above 18pt) WCAG AA × Fail

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 65, 20.993, 249.215 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, 20.993, 249.215

Background



This preview shows how black text looks on a background with the CIELCh color 65, 20.993, 249.215.



This preview shows how white text looks on a background with the CIELCh color 65, 20.993, 249.215.

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, 20.993, 249.215

Protanopia

65, 17.296, 286.201

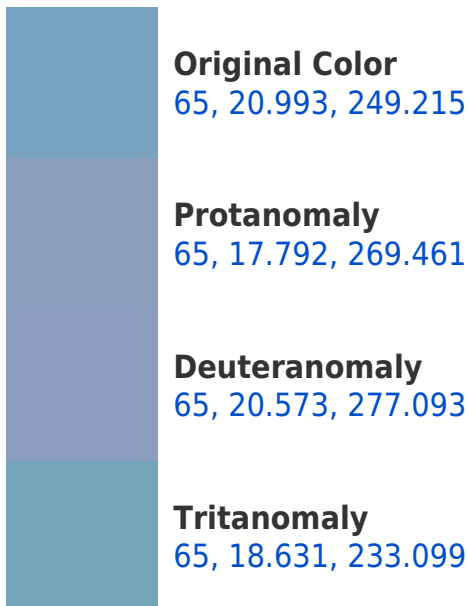
Deuteranopia

65, 22.280, 292.501

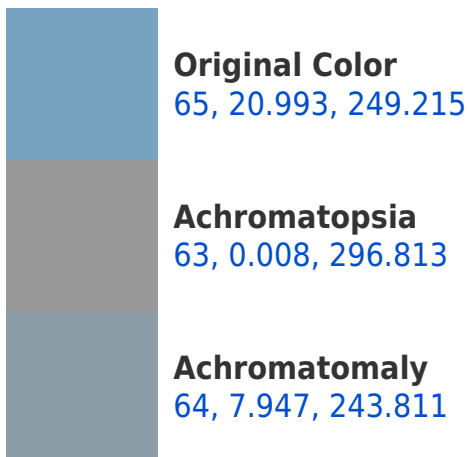


Tritanopia
65, 17.909, 222.116

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 20.993, 249.215 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, 163, 192)` looks like.

```
.text, #text, p{  
    color:rgb(119, 163, 192)  
}
```

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, 163, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 163, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 20.993, 249.215 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, 163, 192) }
```

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

```
.border{ border-color:rgb(119, 163, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 163, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 163, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 163, 192);  
box-shadow:4px 4px 4px 4px rgb(119, 163,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 20.993, 249.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 163, 192) }
```

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

```
.background{ background-color: rgb(119,  
163, 192) }
```

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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