

Converting Colors

CIELCh(65, 22.609, 257.210)

Have a look what the booklet for
CIELCh(65, 22.609, 257.210)
contains.

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Color

CIELCh(65, 22.791, 257.984)

Conversions

Conversions Part 1

Format	Color
Hex	7AA2C5
RGB	122, 162, 197
RGB Percent	48%, 64%, 77%
CMY	0.5212, 0.3644, 0.2271
CMYK	0.38, 0.18, 0.00, 0.23
HSL	208°, 39%, 63%
HSV	208°, 38%, 77%
XYZ	31.0593, 34.0472, 57.8079
YIQ	154.0300, -35.0750, 2.4050

Conversions

Conversions Part 2

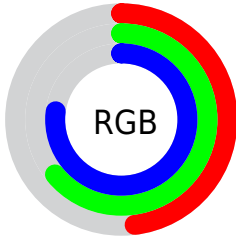
Format	Color
RYB	122, 148, 197
Decimal	8037061
CIELab	65.00, -4.74, -22.29
CIElCh	65, 22.791, 257.984
Yxy	34.0472, 0.2527, 0.2770
Android (android.graphics.Color)	4286227141 (0xFF7AA2C5)
YUV	154.0300, 21.1842, -28.0903
Hunter-Lab	58.3500, -7.0980, -17.8943

Details

The CIELCh color `65, 22.791, 257.984` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `68, 25.973, 67.243`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 22.785, 258.054`, and `45, 22.598, 256.869` is the 20% darker color. If you saturate the color by 10%, you get `61, 28.413, 260.457`, and if you desaturate by 10%, it is `69, 16.992, 255.917`.

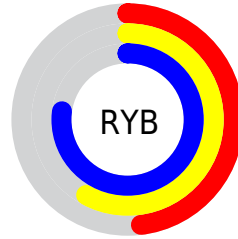
Distribution



Red (48%)

Green (64%)

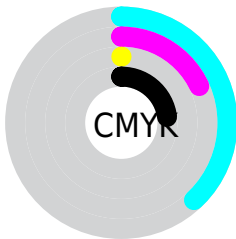
Blue (77%)



Red (48%)

Yellow (58%)

Blue (77%)

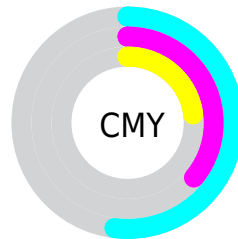


Cyan (38%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (52%)

Magenta (36%)

Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 22.791, 257.984 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, 22.791, 257.984 by changing the saturation by 10% instead.


 65, 22.791,
257.984


 65, 22.791,
257.984


 100, 22.791,
257.984


 55, 22.791,
257.984


 85, 22.791,
257.984

 45, 22.791,
257.984

 95, 22.791,
257.984

 35, 22.791,
257.984

 25, 22.791,
257.984

 15, 22.791,
257.984

 5, 22.791, 257.984

 0, 22.791, 257.984

65, 22.791,
257.984

65, 22.791,
257.984

61, 28.413,
260.457

69, 16.992,
255.917

58, 33.855,
263.404

73, 11.041,
254.201

54, 39.137,
266.867

76, 4.967, 252.797

51, 44.316,
270.850

80, 1.198, 71.176

84, 7.425, 70.419

48, 49.490,
275.284

88, 13.688, 69.565

45, 54.782,
279.961

92, 18.732, 73.338

94, 21.116, 88.155

44, 55.845,
280.826

96, 24.593, 99.260

Harmonies

Complementary

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



65, 22.791, 257.984



68, 25.973, 67.243

Rectangle

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



65, 22.791, 257.984



65, 22.791, 307.984



65, 22.791, 77.984



65, 22.791, 127.984

Sweetspot

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



65, 22.790, 257.982



95, 8.339, 253.199



74, 34.628, 158.274



50, 5.597, 253.388



0, 0.000, 0.000



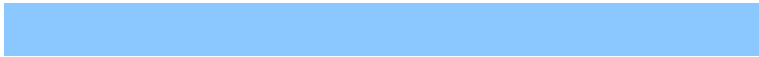
53, 0.007, 296.813

Same Dimension

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



65, 22.790, 257.982



78, 33.586, 260.097



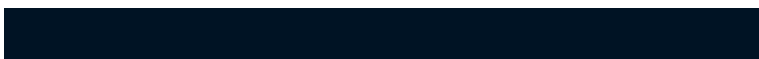
55, 41.671, 293.919



40, 3.519, 252.964



37, 47.924, 280.120



5, 13.486, 267.238

Inverse Universe

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



60, 35.954, 345.456



72, 53.195, 346.528



77, 38.068, 105.051



39, 5.320, 342.610



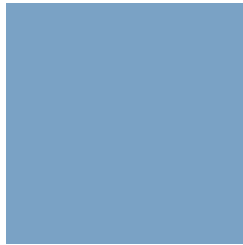
35, 61.188, 358.472



4, 18.203, 350.938

Previews

White Background



This preview shows how the CIE LCh color 65, 22.791, 257.984 looks on a white background.

Color Contrast Check

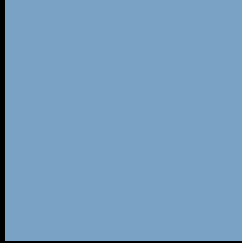
Large Text (above 18pt) WCAG AA × Fail

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, 22.791, 257.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

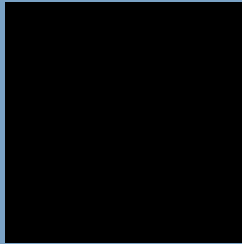
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

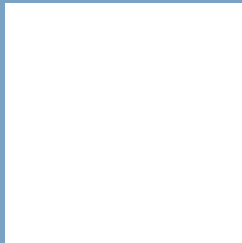
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 22.791, 257.984

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.791, 257.984.



This preview shows how white text looks on a background with the CIELCh color 65, 22.791, 257.984.

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, 22.791, 257.984

Protanopia

65, 20.659, 285.681

Deuteranopia

65, 25.055, 290.477



Tritanopia
65, 17.551, 224.738

Trichromacy



Original Color
65, 22.791, 257.984

Protanomaly
65, 20.794, 274.463

Deuteranomaly
65, 23.303, 278.580

Tritanomaly
65, 18.785, 239.377

Monochromacy



Original Color
65, 22.791, 257.984

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.927, 253.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.791, 257.984 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(122, 162, 197)` looks like.

```
.text, #text, p{  
    color:rgb(122, 162, 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(122, 162, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 162, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.791, 257.984 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(122, 162, 197) }
```

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

```
.border{ border-color:rgb(122, 162, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 162, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 162, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 162, 197);  
box-shadow:4px 4px 4px 4px rgb(122, 162,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.791, 257.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 162, 197) }
```

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

```
.background{ background-color: rgb(122,  
162, 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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