

Converting Colors

CIELCh(65, 22.516, 231.216)

Have a look what the booklet for
CIELCh(65, 22.516, 231.216)
contains.

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Color

CIELCh(65, 22.517, 231.252)

Conversions

Conversions Part 1

Format	Color
Hex	68A6BC
RGB	104, 166, 188
RGB Percent	41%, 65%, 74%
CMY	0.5904, 0.3473, 0.2610
CMYK	0.45, 0.12, 0.00, 0.26
HSL	196°, 39%, 57%
HSV	196°, 45%, 74%
XYZ	28.5980, 34.0472, 52.8887
YIQ	149.9700, -44.0140, -6.3020

Conversions

Conversions Part 2

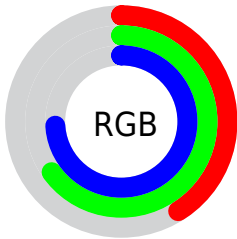
Format	Color
RYB	104, 140, 188
Decimal	6858428
CIELab	65.00, -14.09, -17.56
CIElCh	65, 22.517, 231.252
Yxy	34.0472, 0.2475, 0.2947
Android (android.graphics.Color)	4285048508 (0xFF68A6BC)
YUV	149.9700, 18.7488, -40.3157
Hunter-Lab	58.3500, -14.6273, -12.8958

Details

The CIELCh color `65, 22.517, 231.252` is a light color, and the websafe version is hex `669999`. A complement of this color would be `59, 30.529, 45.442`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 22.483, 231.120`, and `45, 22.655, 231.615` is the 20% darker color. If you saturate the color by 10%, you get `63, 26.359, 233.109`, and if you desaturate by 10%, it is `67, 18.149, 229.800`.

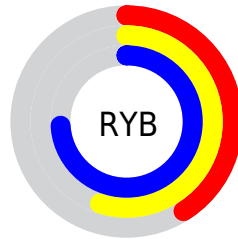
Distribution



Red (41%)

Green (65%)

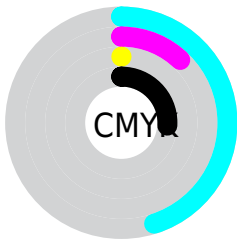
Blue (74%)



Red (41%)

Yellow (55%)

Blue (74%)

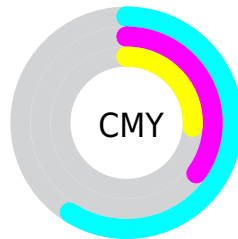


Cyan (45%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (59%)


Magenta (35%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 22.517, 231.252 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, 22.517, 231.252 by changing the saturation by 10% instead.


 65, 22.517,
231.252


 65, 22.517,
231.252


 100, 22.517,
231.252


 55, 22.517,
231.252


 85, 22.517,
231.252


 45, 22.517,
231.252


 95, 22.517,
231.252

 35, 22.517,
231.252

 25, 22.517,
231.252

 15, 22.517,
231.252

 5, 22.517, 231.252

 0, 22.517, 231.252

65, 22.517,
231.252

65, 22.517,
231.252

63, 26.359,
233.109

67, 18.149,
229.800

61, 29.626,
235.467

70, 13.326,
228.683

59, 32.304,
238.414

72, 8.122, 227.841

57, 34.432,
242.023

75, 2.610, 227.311

78, 3.144, 46.461

55, 36.120,
246.316

81, 9.082, 46.192

54, 36.979,
248.778

84, 15.155, 45.939

87, 21.255, 45.833

88, 20.873, 54.095

Harmonies

Complementary

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



65, 22.517, 231.252



59, 30.529, 45.442

Rectangle

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



65, 22.517, 231.252



65, 22.517, 281.252



65, 22.517, 51.252



65, 22.517, 101.252

Sweetspot

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



65, 22.516, 231.250



92, 8.989, 227.746



70, 46.131, 148.454



48, 6.253, 227.903



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 22.516, 231.250



80, 31.769, 232.961



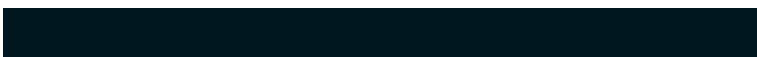
53, 36.649, 284.542



39, 3.201, 227.507



46, 32.339, 248.078



6, 9.516, 239.303

Inverse Universe

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



56, 45.991, 335.981



67, 66.372, 336.764



69, 35.292, 91.735



37, 5.886, 333.371



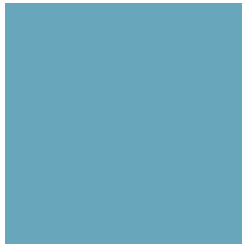
35, 66.365, 341.964



3, 16.628, 337.631

Previews

White Background



This preview shows how the CIELCh color 65, 22.517, 231.252 looks on a white background.

Color Contrast Check

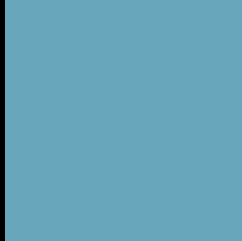
Large Text (above 18pt) WCAG AA × Fail

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, 22.517, 231.252 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

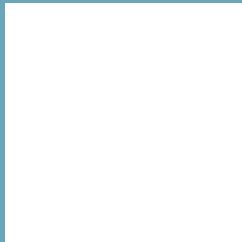
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 22.517, 231.252

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.517, 231.252.



This preview shows how white text looks on a background with the CIELCh color 65, 22.517, 231.252.

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, 22.517, 231.252

Protanopia
65, 13.957, 285.800

Deuteranopia
65, 20.623, 293.295



Tritanopia
65, 22.016, 217.115

Trichromacy



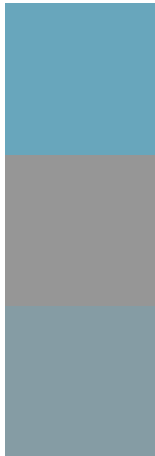
Original Color
65, 22.517, 231.252

Protanomaly
65, 15.596, 258.289

Deuteranomaly
65, 18.524, 268.347

Tritanomaly
65, 22.027, 223.537

Monochromacy



Original Color
65, 22.517, 231.252

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 9.313, 227.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.517, 231.252 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(104, 166, 188)` looks like.

```
.text, #text, p{  
    color:rgb(104, 166, 188)  
}
```

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(104, 166, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 166, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.517, 231.252 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(104, 166, 188) }
```

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

```
.border{ border-color:rgb(104, 166, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 166, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 166, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 166, 188);  
box-shadow:4px 4px 4px 4px rgb(104, 166,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.517, 231.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 166, 188) }
```

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

```
.background{ background-color: rgb(104,  
166, 188) }
```

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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