

Converting Colors

CIELCh(65, 22.443, 246.904)

Have a look what the booklet for
CIELCh(65, 22.443, 246.904)
contains.

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Color

CIELCh(65, 22.443, 246.904)

Conversions

Conversions Part 1

Format	Color
Hex	72A4C2
RGB	114, 164, 194
RGB Percent	45%, 64%, 76%
CMY	0.5527, 0.3567, 0.2390
CMYK	0.41, 0.15, 0.00, 0.24
HSL	203°, 40%, 60%
HSV	203°, 41%, 76%
XYZ	29.9740, 34.0472, 56.0616
YIQ	152.4700, -39.4300, -1.2700

Conversions

Conversions Part 2

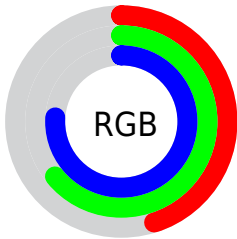
Format	Color
RYB	114, 145, 194
Decimal	7513282
CIELab	65.00, -8.80, -20.64
CIElCh	65, 22.443, 246.904
Yxy	34.0472, 0.2496, 0.2835
Android (android.graphics.Color)	4285703362 (0xFF72A4C2)
YUV	152.4700, 20.4743, -33.7382
Hunter-Lab	58.3500, -10.4181, -16.1198

Details

The CIELCh color `65, 22.443, 246.904` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `64, 27.747, 57.195`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 22.545, 247.327`, and `45, 22.432, 246.899` is the 20% darker color. If you saturate the color by 10%, you get `62, 27.142, 249.301`, and if you desaturate by 10%, it is `68, 17.405, 244.948`.

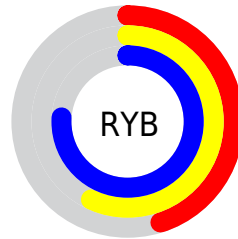
Distribution



Red (45%)

Green (64%)

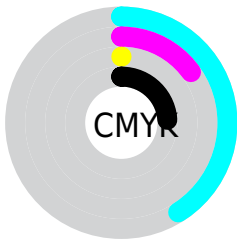
Blue (76%)



Red (45%)

Yellow (57%)

Blue (76%)

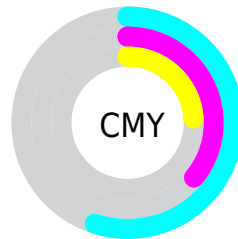


Cyan (41%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (55%)

Magenta (36%)

Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 22.443, 246.904 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, 22.443, 246.904 by changing the saturation by 10% instead.


 65, 22.443,
246.904


 65, 22.443,
246.904


 100, 22.443,
246.904


 55, 22.443,
246.904


 85, 22.443,
246.904

 45, 22.443,
246.904

 95, 22.443,
246.904

 35, 22.443,
246.904

 25, 22.443,
246.904

 15, 22.443,
246.904

 5, 22.443, 246.904

 0, 22.443, 246.904

65, 22.443,
246.904

65, 22.443,
246.904

62, 27.142,
249.301

68, 17.405,
244.948

59, 31.481,
252.225

71, 12.072,
243.364

56, 35.466,
255.739

75, 6.495, 242.096

54, 39.156,
259.875

78, 0.724, 241.586

81, 5.197, 60.001

51, 42.665,
264.584

85, 11.227, 59.325

49, 45.757,
268.937

88, 17.333, 58.737

91, 19.352, 68.456

92, 20.763, 80.643

Harmonies

Complementary

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



65, 22.443, 246.904



64, 27.747, 57.195

Rectangle

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



65, 22.443, 246.904



65, 22.443, 296.904



65, 22.443, 66.904



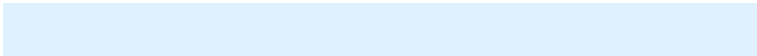
65, 22.443, 116.904

Sweetspot

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



65, 22.442, 246.902



94, 8.584, 242.204



72, 40.025, 153.346



50, 5.728, 242.360



0, 0.000, 0.000



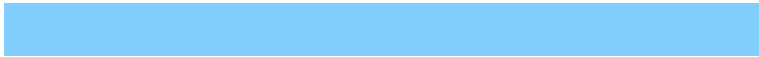
53, 0.007, 296.813

Same Dimension

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



65, 22.442, 246.902



80, 32.279, 248.923



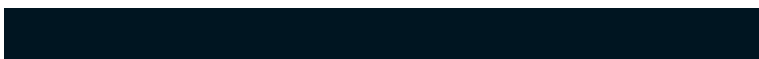
54, 39.958, 290.196



39, 3.287, 241.895



41, 39.376, 268.154



6, 11.236, 256.181

Inverse Universe

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



58, 40.616, 340.930



70, 59.056, 341.841



74, 37.077, 99.601



38, 5.551, 338.133



35, 62.720, 350.452



3, 17.181, 344.741

Previews

White Background



This preview shows how the CIELCh color 65, 22.443, 246.904 looks on a white background.

Color Contrast Check

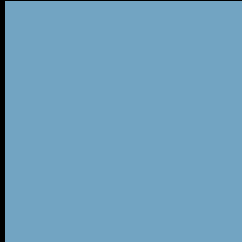
Large Text (above 18pt) WCAG AA × Fail

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, 22.443, 246.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

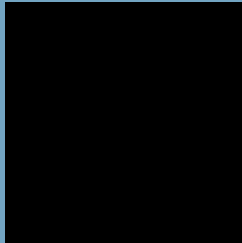
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 22.443, 246.904

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.443, 246.904.



This preview shows how white text looks on a background with the CIELCh color 65, 22.443, 246.904.

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, 22.443, 246.904

Protanopia

65, 17.877, 285.354

Deuteranopia

65, 23.388, 290.952



Tritanopia
65, 19.625, 221.585

Trichromacy



Original Color
65, 22.443, 246.904

Protanomaly
65, 18.524, 268.347

Deuteranomaly
65, 21.402, 274.196

Tritanomaly
65, 20.278, 231.729

Monochromacy



Original Color
65, 22.443, 246.904

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 8.810, 243.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.443, 246.904 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(114, 164, 194)` looks like.

```
.text, #text, p{  
    color:rgb(114, 164, 194)  
}
```

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(114, 164, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 164, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.443, 246.904 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(114, 164, 194) }
```

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

```
.border{ border-color:rgb(114, 164, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 164, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 164, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 164, 194);  
box-shadow:4px 4px 4px 4px rgb(114, 164,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.443, 246.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 164, 194) }
```

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

```
.background{ background-color: rgb(114,  
164, 194) }
```

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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