

Converting Colors

CIELCh(55, 32.357, 283.541)

Have a look what the booklet for
CIELCh(55, 32.357, 283.541)
contains.

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Color

CIELCh(55, 32.469, 283.395)

Conversions

Conversions Part 1

Format	Color
Hex	6F82BA
RGB	111, 130, 186
RGB Percent	44%, 51%, 73%
CMY	0.5643, 0.4898, 0.2701
CMYK	0.40, 0.30, 0.00, 0.27
HSL	225°, 35%, 58%
HSV	225°, 40%, 73%
XYZ	23.4409, 22.9298, 49.7082
YIQ	130.7030, -29.3000, 13.3880

Conversions

Conversions Part 2

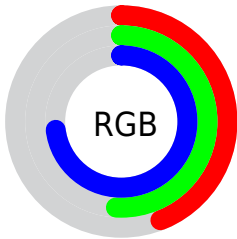
Format	Color
R_{YB}	111, 126, 186
Decimal	7307962
CIE _{Lab}	55.00, 7.52, -31.59
CIE _{LCh}	55, 32.469, 283.395
Y _{xy}	22.9298, 0.2440, 0.2387
Android (android.graphics.Color)	4285498042 (0xFF6F82BA)
YUV	130.7030, 27.2614, -17.2795
Hunter-Lab	47.8851, 3.5812, -28.0277

Details

The CIELCh color $55, 32.469, 283.395$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $69, 31.489, 92.062$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 32.162, 283.027$, and $35, 32.752, 283.377$ is the 20% darker color. If you saturate the color by 10%, you get $50, 41.095, 285.678$, and if you desaturate by 10%, it is $60, 24.092, 281.429$.

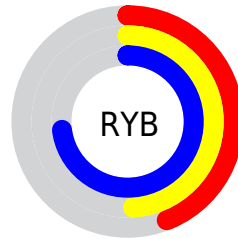
Distribution



Red (44%)

Green (51%)

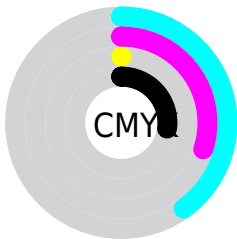
Blue (73%)



Red (44%)

Yellow (49%)

Blue (73%)

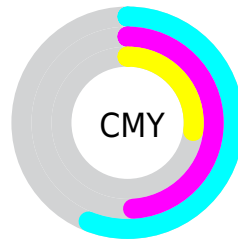


Cyan (40%)

Magenta (30%)

Yellow (0%)

Black (27%)



Cyan (56%)

Magenta (49%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 32.469, 283.395 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 55, 32.469, 283.395 by changing the saturation by 10% instead.

■ 55, 32.469,
283.395

■ 55, 32.469,
283.395

■ 100, 32.469,
283.395

■ 45, 32.469,
283.395

■ 75, 32.469,
283.395

■ 35, 32.469,
283.395

■ 85, 32.469,
283.395

■ 25, 32.469,
283.395

■ 95, 32.469,
283.395

■ 15, 32.469,
283.395

■ 5, 32.469, 283.395

■ 0, 32.469, 283.395

55, 32.469,
283.395

55, 32.469,
283.395

50, 41.095,
285.678

60, 24.092,
281.429

45, 49.998,
288.295

65, 15.940,
279.745

40, 59.187,
291.225

70, 7.993, 278.311

36, 68.601,
294.385

75, 0.238, 277.798

32, 78.019,
297.606

80, 7.336, 95.948

28, 86.736,
300.488

86, 14.735, 95.029

91, 21.965, 94.218

95, 28.592, 97.286

99, 34.633,
107.540

Harmonies

Complementary

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



55, 32.469, 283.395



69, 31.489, 92.062

Rectangle

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



55, 32.469, 283.395



55, 32.469, 333.395



55, 32.469, 103.395



55, 32.469, 153.395

Sweetspot

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



55, 32.468, 283.395



88, 11.562, 278.565



70, 28.180, 174.246



46, 7.743, 278.745



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



55, 32.468, 283.395



65, 48.478, 285.313



51, 44.135, 302.590



36, 4.344, 278.184



23, 74.957, 300.061



2, 12.610, 281.395

Inverse Universe

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



56, 32.178, 4.217



67, 47.777, 5.826



73, 40.289, 116.707



36, 4.227, 0.095



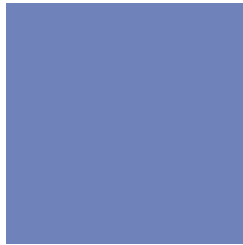
32, 61.800, 24.369



2, 11.054, 4.386

Previews

White Background



This preview shows how the CIELCh color 55, 32.469, 283.395 looks on a white background.

Color Contrast Check

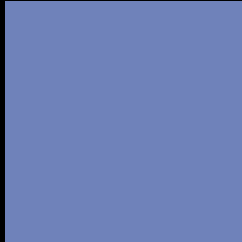
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 32.469, 283.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

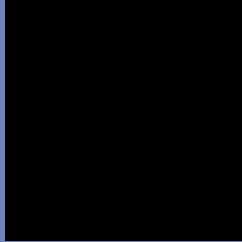
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

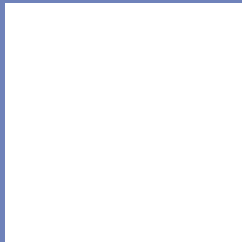
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 32.469, 283.395

Background



This preview shows how black text looks on a background with the CIELCh color 55, 32.469, 283.395.



This preview shows how white text looks on a background with the CIELCh color 55, 32.469, 283.395.

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

55, 32.469, 283.395

Protanopia

55, 32.915, 285.757

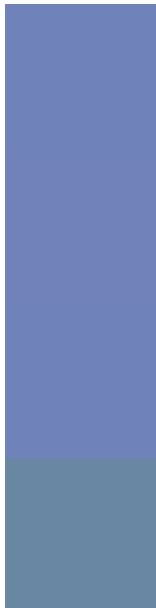
Deuteranopia

55, 32.469, 283.395



Tritanopia
55, 13.637, 226.166

Trichromacy



Original Color
55, 32.469, 283.395

Protanomaly
55, 32.949, 285.241

Deuteranomaly
55, 32.469, 283.395

Tritanomaly
55, 18.477, 260.087

Monochromacy



Original Color
55, 32.469, 283.395

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 11.720, 278.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 32.469, 283.395 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(111, 130, 186)` looks like.

```
.text, #text, p{  
    color:rgb(111, 130, 186)  
}
```

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(111, 130, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 130, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 32.469, 283.395 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(111, 130, 186) }
```

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

```
.border{ border-color:rgb(111, 130, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 130, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 130, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 130, 186); box-shadow:4px 4px 4px 4px rgb(111, 130, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 32.469, 283.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 130, 186) }
```

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

```
.background{ background-color: rgb(111,  
130, 186) }
```

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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