

Converting Colors

CIELCh(55, 29.072, 281.453)

Have a look what the booklet for
CIELCh(55, 29.072, 281.453)
contains.

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Color

CIELCh(55, 29.105, 281.489)

Conversions

Conversions Part 1

Format	Color
Hex	7083B5
RGB	112, 131, 181
RGB Percent	44%, 51%, 71%
CMY	0.5617, 0.4871, 0.2911
CMYK	0.38, 0.28, 0.00, 0.29
HSL	223°, 32%, 57%
HSV	223°, 38%, 71%
XYZ	23.0563, 22.9298, 46.7999
YIQ	131.0190, -27.3740, 11.5220

Conversions

Conversions Part 2

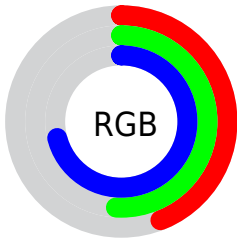
Format	Color
R_{YB}	112, 127, 181
Decimal	7373749
CIE Lab	55.00, 5.80, -28.52
CIE LCh	55, 29.105, 281.489
Yxy	22.9298, 0.2485, 0.2471
Android (android.graphics.Color)	4285563829 (0xFF7083B5)
YUV	131.0190, 24.6406, -16.6797
Hunter-Lab	47.8851, 2.1472, -24.4268

Details

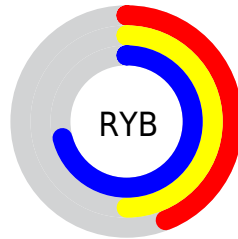
The CIELCh color $55, 29.105, 281.489$ is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be $67, 28.554, 90.731$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 28.985, 281.433$, and $35, 29.104, 281.285$ is the 20% darker color. If you saturate the color by 10%, you get $50, 37.191, 283.729$, and if you desaturate by 10%, it is $60, 21.227, 279.563$.

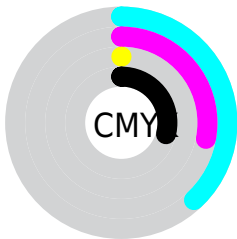
Distribution



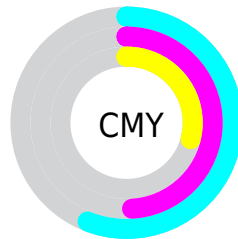
- Red (44%)
- Green (51%)
- Blue (71%)



- Red (44%)
- Yellow (50%)
- Blue (71%)



- Cyan (38%)
- Magenta (28%)
- Yellow (0%)
- Black (29%)



- Cyan (56%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 29.105, 281.489 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, 29.105, 281.489 by changing the saturation by 10% instead.


 55, 29.105,
281.489

 55, 29.105,
281.489

 100, 29.105,
281.489

 45, 29.105,
281.489


 75, 29.105,
281.489

 35, 29.105,
281.489

 85, 29.105,
281.489

 25, 29.105,
281.489

 95, 29.105,
281.489

 15, 29.105,
281.489

 5, 29.105, 281.489

 0, 29.105, 281.489

■ 55, 29.105,
281.489

■ 55, 29.105,
281.489

■ 50, 37.191,
283.729

■ 60, 21.227,
279.563

■ 45, 45.516,
286.309

■ 65, 13.538,
277.916

■ 41, 54.101,
289.223

■ 70, 6.023, 276.516

■ 37, 62.930,
292.411

■ 74, 1.329, 95.124

■ 79, 8.523, 94.188

■ 32, 71.881,
295.734

■ 84, 15.564, 93.279

■ 29, 80.649,
298.937

■ 89, 22.456, 92.479

■ 94, 29.049, 92.804

■ 28, 82.211,
299.461

■ 97, 34.372,
103.414

Harmonies

Complementary

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



55, 29.105, 281.489



67, 28.554, 90.731

Rectangle

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



55, 29.105, 281.489



55, 29.105, 331.489



55, 29.105, 101.489



55, 29.105, 151.489

Sweetspot

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



55, 29.104, 281.489



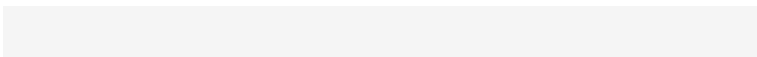
86, 10.059, 276.913



69, 26.530, 173.291



45, 6.762, 277.095



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



55, 29.104, 281.489



65, 43.824, 283.397



51, 40.624, 301.835



35, 4.139, 276.664



24, 71.747, 299.031



2, 10.637, 279.629

Inverse Universe

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



55, 29.857, 2.213



66, 44.755, 3.744



71, 37.254, 116.133



35, 4.171, 358.494



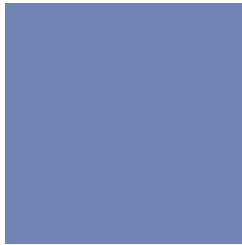
32, 60.305, 22.369



2, 9.620, 2.280

Previews

White Background



This preview shows how the CIELCh color 55, 29.105, 281.489 looks on a white background.

Color Contrast Check

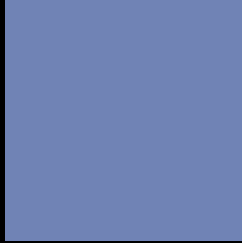
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.105, 281.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

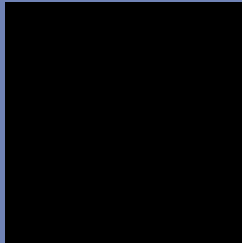
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

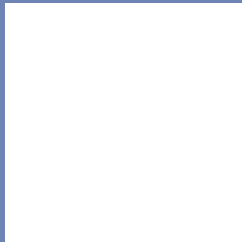
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 29.105, 281.489

Background



This preview shows how black text looks on a background with the CIELCh color 55, 29.105, 281.489.



This preview shows how white text looks on a background with the CIELCh color 55, 29.105, 281.489.

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, 29.105, 281.489

Protanopia

55, 28.877, 285.132

Deuteranopia

55, 29.475, 284.787



Tritanopia
55, 13.074, 227.518

Trichromacy



Original Color
55, 29.105, 281.489

Protanomaly
55, 28.955, 283.911

Deuteranomaly
55, 29.556, 283.603

Tritanomaly
55, 16.925, 257.404

Monochromacy



Original Color
55, 29.105, 281.489

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 10.607, 277.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 29.105, 281.489 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(112, 131, 181)` looks like.

```
.text, #text, p{  
    color:rgb(112, 131, 181)  
}
```

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(112, 131, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 131, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 29.105, 281.489 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(112, 131, 181) }
```

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

```
.border{ border-color:rgb(112, 131, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 131, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 131, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 131, 181);  
box-shadow:4px 4px 4px 4px rgb(112, 131,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 29.105, 281.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 131, 181) }
```

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

```
.background{ background-color: rgb(112,  
131, 181) }
```

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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