

Converting Colors

CIELCh(54, 22.861, 264.731)

Have a look what the booklet for
CIELCh(54, 22.861, 264.731)
contains.

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Color

CIELCh(54, 22.881, 264.788)

Conversions

Conversions Part 1

Format	Color
Hex	6384A8
RGB	99, 132, 168
RGB Percent	39%, 52%, 66%
CMY	0.6118, 0.4824, 0.3413
CMYK	0.41, 0.21, 0.00, 0.34
HSL	211°, 28%, 52%
HSV	211°, 41%, 66%
XYZ	20.4575, 21.9746, 40.1984
YIQ	126.2370, -31.2240, 4.2000

Conversions

Conversions Part 2

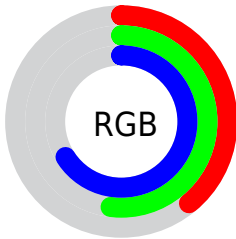
Format	Color
R _Y B	99, 121, 168
Decimal	6522024
CIE Lab	54.00, -2.08, -22.79
CIE LCh	54, 22.881, 264.788
Yxy	21.9746, 0.2476, 0.2659
Android (android.graphics.Color)	4284712104 (0xFF6384A8)
YUV	126.2370, 20.5892, -23.8868
Hunter-Lab	46.8770, -4.1361, -18.0289

Details

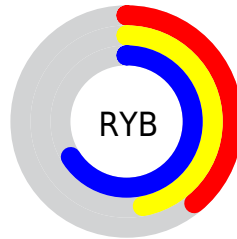
The CIELCh color $54, 22.881, 264.788$ is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be $59, 25.274, 72.567$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 22.764, 264.306$, and $34, 22.871, 264.395$ is the 20% darker color. If you saturate the color by 10%, you get $51, 28.290, 267.359$, and if you desaturate by 10%, it is $58, 17.398, 262.610$.

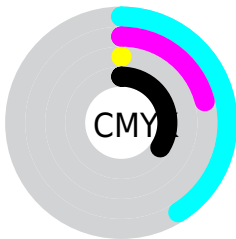
Distribution



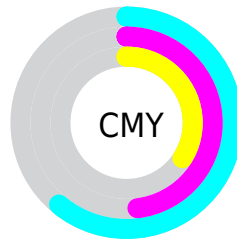
- Red (39%)
- Green (52%)
- Blue (66%)



- Red (39%)
- Yellow (47%)
- Blue (66%)



- Cyan (41%)
- Magenta (21%)
- Yellow (0%)
- Black (34%)



- Cyan (61%)
- Magenta (48%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 22.881, 264.788 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 54, 22.881, 264.788 by changing the saturation by 10% instead.

 54, 22.881,
264.788

 54, 22.881,
264.788

 100, 22.881,
264.788

 44, 22.881,
264.788


 74, 22.881,
264.788

 34, 22.881,
264.788

 84, 22.881,
264.788

 24, 22.881,
264.788

 94, 22.881,
264.788

 14, 22.881,
264.788

 4, 22.881, 264.788

 0, 22.881, 264.788

■ 54, 22.881,
264.788

■ 54, 22.881,
264.788

■ 51, 28.290,
267.359

■ 58, 17.398,
262.610

■ 47, 33.638,
270.373

■ 61, 11.850,
260.775

■ 44, 38.957,
273.850

■ 65, 6.249, 259.238

■ 41, 44.303,
277.764

■ 68, 0.614, 258.365

■ 72, 5.038, 76.669

■ 38, 49.749,
282.012

■ 76, 10.690, 75.727

■ 35, 54.766,
285.795

■ 79, 16.327, 74.892

■ 83, 21.937, 74.160

■ 87, 27.510, 73.515

Harmonies

Complementary

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



54, 22.881, 264.788



59, 25.274, 72.567

Rectangle

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



54, 22.881, 264.788



54, 22.881, 314.788



54, 22.881, 84.788



54, 22.881, 134.788

Sweetspot

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



54, 22.880, 264.787



82, 8.408, 259.400



64, 31.397, 160.518



43, 5.566, 259.577



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



54, 22.880, 264.787



66, 33.738, 267.035



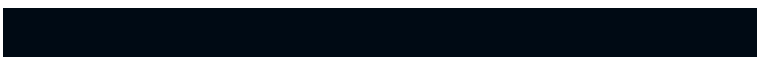
45, 41.184, 296.108



34, 3.200, 258.995



31, 49.350, 285.294



2, 6.209, 264.350

Inverse Universe

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



51, 32.990, 348.990



61, 48.528, 350.239



67, 37.084, 107.061



33, 4.465, 345.566



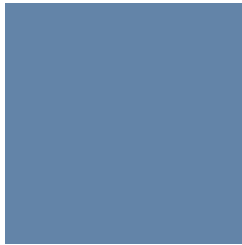
31, 56.362, 3.212



2, 7.705, 348.701

Previews

White Background



This preview shows how the CIELCh color 54, 22.881, 264.788 looks on a white background.

Color Contrast Check

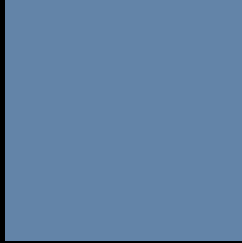
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 22.881, 264.788 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

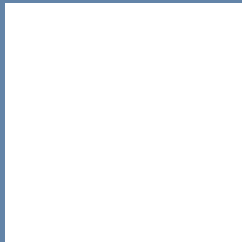
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 22.881, 264.788

Background



This preview shows how black text looks on a background with the CIELCh color 54, 22.881, 264.788.

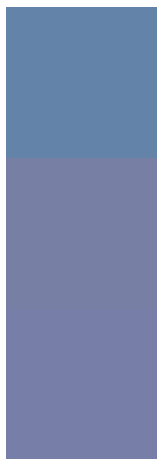


This preview shows how white text looks on a background with the CIELCh color 54, 22.881, 264.788.

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

54, 22.881, 264.788

Protanopia

54, 22.024, 285.646

Deuteranopia

54, 24.298, 286.675



Tritanopia
54, 15.872, 221.841

Trichromacy



Original Color
54, 22.881, 264.788

Protanomaly
54, 21.887, 277.549

Deuteranomaly
54, 23.536, 278.992

Tritanomaly
54, 17.320, 240.459

Monochromacy



Original Color
54, 22.881, 264.788

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 8.639, 260.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 22.881, 264.788 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(99, 132, 168)` looks like.

```
.text, #text, p{  
    color:rgb(99, 132, 168)  
}
```

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(99, 132, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 132, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 22.881, 264.788 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(99, 132, 168) }
```

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

```
.border{ border-color:rgb(99, 132, 168) }
```

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

Here you see how a box with a 4 pixel rgb(99, 132, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 132, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 132, 168);  
box-shadow:4px 4px 4px 4px rgb(99, 132,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 22.881, 264.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 132, 168) }
```

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

```
.background{ background-color: rgb(99, 132,  
168) }
```

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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