

Converting Colors

CIELCh(54, 22.337, 182.143)

Have a look what the booklet for
CIELCh(54, 22.337, 182.143)
contains.

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Color

CIELCh(54, 22.330, 182.172)

Conversions

Conversions Part 1

Format	Color
Hex	4F8C82
RGB	79, 140, 130
RGB Percent	31%, 55%, 51%
CMY	0.6908, 0.4516, 0.4908
CMYK	0.44, 0.00, 0.07, 0.45
HSL	170°, 28%, 43%
HSV	170°, 44%, 55%
XYZ	16.5865, 21.9746, 24.4334
YIQ	120.6210, -33.1460, -16.0420

Conversions

Conversions Part 2

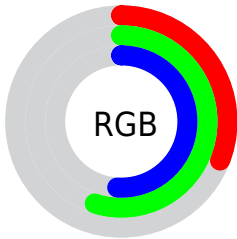
Format	Color
RYB	79, 112, 140
Decimal	5213314
CIELab	54.00, -22.31, -0.85
CIElCh	54, 22.330, 182.172
Yxy	21.9746, 0.2633, 0.3488
Android (android.graphics.Color)	4283403394 (0xFF4F8C82)
YUV	120.6210, 4.6238, -36.5016
Hunter-Lab	46.8770, -18.8761, 1.9106

Details

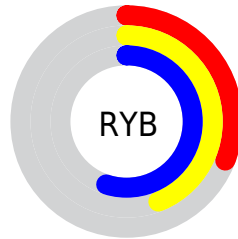
The CIELCh color `54, 22.330, 182.172` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `41, 27.352, 11.361`, and the grayscale version is `51, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 22.265, 182.104`, and `34, 22.577, 181.848` is the 20% darker color. If you saturate the color by 10%, you get `53, 26.426, 181.138`, and if you desaturate by 10%, it is `55, 17.756, 183.139`.

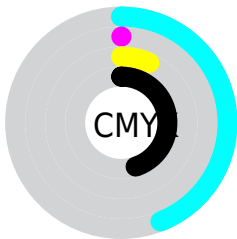
Distribution



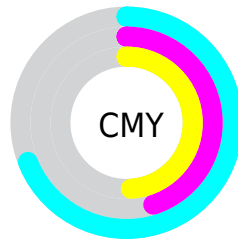
- Red (31%)
- Green (55%)
- Blue (51%)



- Red (31%)
- Yellow (44%)
- Blue (55%)



- Cyan (44%)
- Magenta (0%)
- Yellow (7%)
- Black (45%)




- Cyan (69%)
- Magenta (45%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 22.330, 182.172 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, 22.330, 182.172 by changing the saturation by 10% instead.


 54, 22.330,
182.172

 54, 22.330,
182.172


 100, 22.330,
182.172


 44, 22.330,
182.172


 74, 22.330,
182.172

 34, 22.330,
182.172

 84, 22.330,
182.172

 24, 22.330,
182.172

 94, 22.330,
182.172

 14, 22.330,
182.172

 4, 22.330, 182.172

 0, 22.330, 182.172

■ 54, 22.330,
182.172

■ 54, 22.330,
182.172

■ 53, 26.426,
181.138

■ 55, 17.756,
183.139

■ 53, 29.966,
180.027

■ 56, 12.788,
184.061

■ 52, 32.896,
178.815

■ 57, 7.516, 184.956

■ 52, 35.195,
177.482

■ 58, 2.024, 185.941

■ 59, 3.614, 6.445

■ 52, 36.887,
176.013

■ 60, 9.335, 7.301

■ 52, 37.823,
175.066

■ 62, 15.087, 8.084

■ 63, 20.830, 8.837

■ 65, 26.532, 9.568

Harmonies

Complementary

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



54, 22.330, 182.172



41, 27.352, 11.361

Rectangle

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



54, 22.330, 182.172



54, 22.330, 232.172



54, 22.330, 2.172



54, 22.330, 52.172

Sweetspot

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



54, 22.330, 182.170



72, 8.864, 184.987



53, 40.238, 137.293



38, 6.230, 184.809



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 22.330, 182.170



68, 31.709, 181.193



48, 17.699, 241.316



29, 3.096, 185.362



49, 36.355, 175.155



1, 1.458, 186.054

Inverse Universe

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



41, 27.352, 11.361



49, 40.766, 13.295



46, 22.703, 52.722



27, 3.219, 6.770



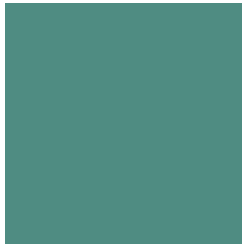
27, 57.698, 30.450



0, 1.458, 6.039

Previews

White Background



This preview shows how the CIELCh color 54, 22.330, 182.172 looks on a white background.

Color Contrast Check

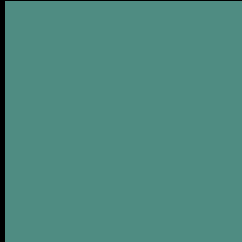
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 54, 22.330, 182.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

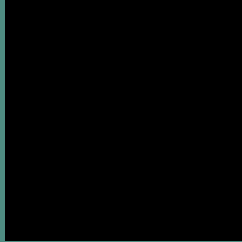
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 22.330, 182.172

Background



This preview shows how black text looks on a background with the CIELCh color 54, 22.330, 182.172.

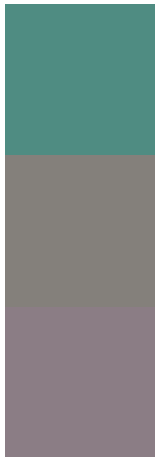


This preview shows how white text looks on a background with the CIELCh color 54, 22.330, 182.172.

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, 22.330, 182.172

Protanopia
54, 3.285, 80.291

Deuteranopia
54, 7.246, 340.714



Tritanopia
54, 18.532, 218.030

Trichromacy



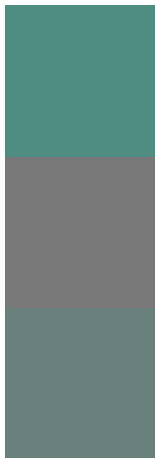
Original Color
54, 22.330, 182.172

Protanomaly
53, 8.500, 170.156

Deuteranomaly
53, 5.099, 212.114

Tritanomaly
54, 19.077, 202.850

Monochromacy



Original Color
54, 22.330, 182.172

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 8.679, 186.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 22.330, 182.172 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(79, 140, 130)` looks like.

```
.text, #text, p{  
    color:rgb(79, 140, 130)  
}
```

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(79, 140, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 140, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 22.330, 182.172 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(79, 140, 130) }
```

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

```
.border{ border-color:rgb(79, 140, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 140, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 140, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 140, 130);  
box-shadow:4px 4px 4px 4px rgb(79, 140,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 22.330, 182.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 140, 130) }
```

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

```
.background{ background-color: rgb(79, 140,  
130) }
```

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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