

Converting Colors

CIELCh(54, 22.433, 185.242)

Have a look what the booklet for
CIELCh(54, 22.433, 185.242)
contains.

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Color

CIELCh(54, 22.429, 185.269)

Conversions

Conversions Part 1

Format	Color
Hex	4D8C84
RGB	77, 140, 132
RGB Percent	30%, 55%, 52%
CMY	0.6983, 0.4512, 0.4826
CMYK	0.45, 0.00, 0.06, 0.45
HSL	172°, 29%, 43%
HSV	172°, 45%, 55%
XYZ	16.5829, 21.9746, 25.1726
YIQ	120.2510, -34.9800, -15.8440

Conversions

Conversions Part 2

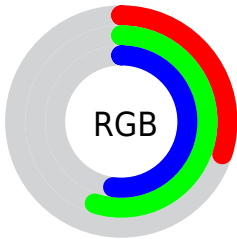
Format	Color
R_{YB}	77, 111, 140
Decimal	5082244
CIE Lab	54.00, -22.33, -2.06
CIE LCh	54, 22.429, 185.269
Yxy	21.9746, 0.2602, 0.3448
Android (android.graphics.Color)	4283272324 (0xFF4D8C84)
YUV	120.2510, 5.7923, -37.9311
Hunter-Lab	46.8770, -18.8898, 0.9757




Details

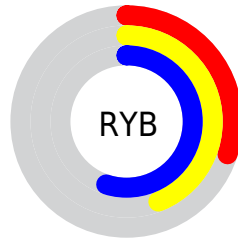
The CIELCh color `54, 22.429, 185.269` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `40, 28.327, 14.432`, and the grayscale version is `50, 0.007, 296.813`.




A 20% lighter version of the original color is `74, 22.456, 185.078`, and `34, 22.533, 185.111` is the 20% darker color. If you saturate the color by 10%, you get `53, 26.279, 184.343`, and if you desaturate by 10%, it is `55, 18.069, 186.147`.

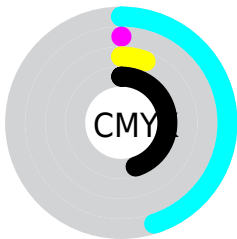
Distribution







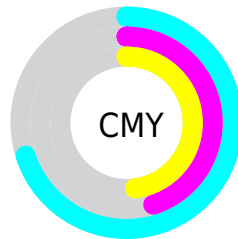
-  Red (30%)
-  Green (55%)
-  Blue (52%)






-  Red (30%)
-  Yellow (44%)
-  Blue (55%)



-  Cyan (45%)
-  Magenta (0%)
-  Yellow (6%)
-  Black (45%)



-  Cyan (70%)
-  Magenta (45%)
-  Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 22.429, 185.269 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, 22.429, 185.269 by changing the saturation by 10% instead.

 54, 22.429,
185.269

 54, 22.429,
185.269


 100, 22.429,
185.269

 44, 22.429,
185.269

 74, 22.429,
185.269

 34, 22.429,
185.269

 84, 22.429,
185.269

 24, 22.429,
185.269

 94, 22.429,
185.269

 14, 22.429,
185.269

 4, 22.429, 185.269

 0, 22.429, 185.269

■ 54, 22.429,
185.269

■ 54, 22.429,
185.269

■ 53, 26.279,
184.343

■ 55, 18.069,
186.147

■ 53, 29.548,
183.361

■ 56, 13.281,
186.997

■ 53, 32.190,
182.302

■ 57, 8.154, 187.831

■ 58, 2.772, 188.723

■ 52, 34.191,
181.148

■ 59, 2.788, 9.207

■ 52, 35.598,
179.888

■ 60, 8.461, 10.066

■ 52, 36.218,
179.262

■ 62, 14.190, 10.832

■ 63, 19.933, 11.572

■ 65, 25.656, 12.294

Harmonies

Complementary

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



54, 22.429, 185.269



40, 28.327, 14.432

Rectangle

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



54, 22.429, 185.269



54, 22.429, 235.269



54, 22.429, 5.269



54, 22.429, 55.269

Sweetspot

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



54, 22.429, 185.267



72, 9.391, 187.892



53, 41.924, 138.024



38, 6.509, 187.731



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, 22.429, 185.267



68, 31.810, 184.332



47, 18.539, 246.332



29, 3.055, 188.332



49, 34.806, 179.338



1, 1.441, 188.983

Inverse Universe

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



40, 28.327, 14.432



48, 42.593, 16.577



46, 23.437, 56.116



27, 3.188, 9.662



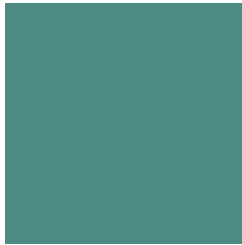
27, 59.092, 32.911



0, 1.441, 8.967

Previews

White Background



This preview shows how the CIELCh color 54, 22.429, 185.269 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, 22.429, 185.269 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, 22.429, 185.269

Background



This preview shows how black text looks on a background with the CIELCh color 54, 22.429, 185.269.



This preview shows how white text looks on a background with the CIELCh color 54, 22.429, 185.269.

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, 22.429, 185.269

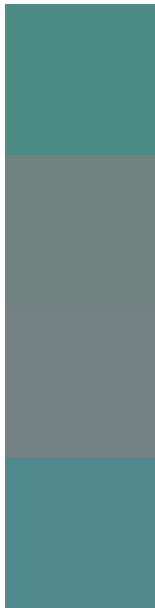
Protanopia
54, 2.092, 74.758

Deuteranopia
54, 7.749, 332.178



Tritanopia
54, 19.151, 219.187

Trichromacy



Original Color
54, 22.429, 185.269

Protanomaly
53, 8.446, 182.655

Deuteranomaly
53, 5.759, 222.696

Tritanomaly
54, 19.567, 206.140

Monochromacy



Original Color
54, 22.429, 185.269

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 9.038, 187.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 22.429, 185.269 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(77, 140, 132)` looks like.

```
.text, #text, p{  
    color:rgb(77, 140, 132)  
}
```

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(77, 140, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 140, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 22.429, 185.269 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(77, 140, 132) }
```

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

```
.border{ border-color:rgb(77, 140, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 140, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 140, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 140, 132);  
box-shadow:4px 4px 4px 4px rgb(77, 140,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 22.429, 185.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 140, 132) }
```

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

```
.background{ background-color: rgb(77, 140,  
132) }
```

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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