

Converting Colors

CIELCh(53, 25.042, 170.286)

Have a look what the booklet for
CIELCh(53, 25.042, 170.286)
contains.

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Color

CIELCh(53, 24.886, 170.685)

Conversions

Conversions Part 1

Format	Color
Hex	4D8A77
RGB	77, 138, 119
RGB Percent	30%, 54%, 47%
CMY	0.6985, 0.4593, 0.5338
CMYK	0.44, 0.00, 0.14, 0.46
HSL	161°, 28%, 42%
HSV	161°, 44%, 54%
XYZ	15.4465, 21.0462, 20.6659
YIQ	117.5950, -30.2570, -18.8410

Conversions

Conversions Part 2

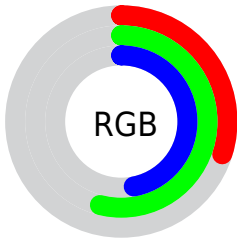
Format	Color
R_{YB}	77, 113, 138
Decimal	5081719
CIE _{Lab}	53.00, -24.56, 4.03
CIE _{LCh}	53, 24.886, 170.685
Yxy	21.0462, 0.2702, 0.3682
Android (android.graphics.Color)	4283271799 (0xFF4D8A77)
YUV	117.5950, 0.6927, -35.6018
Hunter-Lab	45.8761, -20.1824, 5.4048

Details

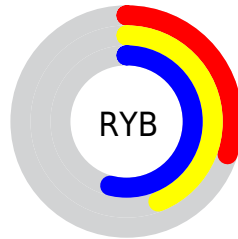
The CIELCh color **53, 24.886, 170.685** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **40, 28.140, 0.476**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 25.127, 170.430**, and **33, 24.994, 170.654** is the 20% darker color. If you saturate the color by 10%, you get **52, 29.696, 169.396**, and if you desaturate by 10%, it is **54, 19.672, 171.853**.

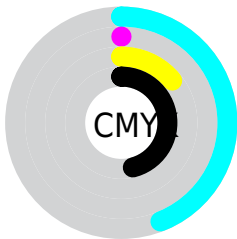
Distribution



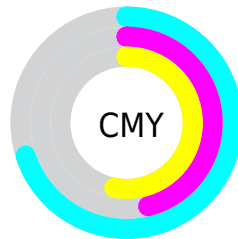
- Red (30%)
- Green (54%)
- Blue (47%)



- Red (30%)
- Yellow (44%)
- Blue (54%)



- Cyan (44%)
- Magenta (0%)
- Yellow (14%)
- Black (46%)




- Cyan (70%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 24.886, 170.685 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 53, 24.886, 170.685 by changing the saturation by 10% instead.

 53, 24.886,
170.685

 53, 24.886,
170.685

 100, 24.886,
170.685


 43, 24.886,
170.685


 73, 24.886,
170.685

 33, 24.886,
170.685

 83, 24.886,
170.685

 23, 24.886,
170.685

 93, 24.886,
170.685

 13, 24.886,
170.685

 3, 24.886, 170.685

 0, 24.886, 170.685

■ 53, 24.886,
170.685

■ 53, 24.886,
170.685

■ 52, 29.696,
169.396

■ 54, 19.672,
171.853

■ 52, 34.014,
167.968

■ 55, 14.145,
172.926

■ 51, 37.776,
166.376

■ 56, 8.398, 173.928

■ 51, 40.949,
164.601

■ 57, 2.513, 174.943

■ 58, 3.436, 355.553

■ 51, 43.553,
162.641

■ 60, 9.393, 356.429

■ 51, 44.951,
161.528

■ 61, 15.310,
357.211

■ 63, 21.154,
357.949

■ 64, 26.899,

Harmonies

Complementary

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



53, 24.886, 170.685



40, 28.140, 0.476

Rectangle

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



53, 24.886, 170.685



53, 24.886, 220.685



53, 24.886, 350.685



53, 24.886, 40.685

Sweetspot

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



53, 24.887, 170.684



71, 9.474, 174.021



53, 38.518, 133.090



37, 6.593, 173.830



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 24.887, 170.684



67, 35.837, 169.410



50, 17.734, 219.682



29, 3.336, 174.424



49, 43.634, 161.616



1, 1.560, 175.181

Inverse Universe

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



40, 28.140, 0.476



48, 41.592, 2.347



43, 24.359, 38.016



27, 3.420, 355.944



27, 53.253, 18.352



0, 1.560, 355.168

Previews

White Background



This preview shows how the CIELCh color 53, 24.886, 170.685 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 53, 24.886, 170.685 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 53, 24.886, 170.685

Background



This preview shows how black text looks on a background with the CIELCh color 53, 24.886, 170.685.

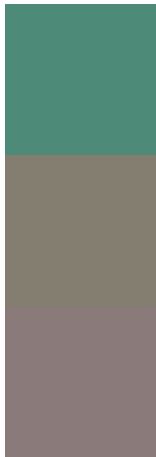


This preview shows how white text looks on a background with the CIELCh color 53, 24.886, 170.685.

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
53, 24.886, 170.685

Protanopia
53, 8.324, 94.649

Deuteranopia
53, 6.958, 20.122



Tritanopia
53, 17.756, 219.089

Trichromacy



Original Color
53, 24.886, 170.685

Protanomaly
52, 11.607, 149.964

Deuteranomaly
52, 6.298, 158.763

Tritanomaly
53, 18.635, 199.383

Monochromacy



Original Color
53, 24.886, 170.685

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 9.932, 174.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 24.886, 170.685 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, 138, 119)` looks like.

```
.text, #text, p{  
    color:rgb(77, 138, 119)  
}
```

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, 138, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 138, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 24.886, 170.685 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, 138, 119) }
```

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

```
.border{ border-color:rgb(77, 138, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 138, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 138, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 138, 119);  
box-shadow:4px 4px 4px 4px rgb(77, 138,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 24.886, 170.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 138, 119) }
```

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

```
.background{ background-color: rgb(77, 138,  
119) }
```

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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