

Converting Colors

CIELCh(53, 25.240, 148.081)

Have a look what the booklet for
CIELCh(53, 25.240, 148.081)
contains.

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Color

CIELCh(53, 25.164, 148.166)

Conversions

Conversions Part 1

Format	Color
Hex	5F8867
RGB	95, 136, 103
RGB Percent	37%, 53%, 40%
CMY	0.6272, 0.4664, 0.5958
CMYK	0.30, 0.00, 0.24, 0.47
HSL	132°, 18%, 45%
HSV	132°, 30%, 53%
XYZ	15.9927, 21.0462, 16.0695
YIQ	119.9790, -13.8430, -18.9550

Conversions

Conversions Part 2

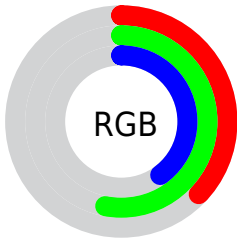
Format	Color
R_{YB}	95, 129, 136
Decimal	6260839
CIE _{Lab}	53.00, -21.38, 13.27
CIE _{LCh}	53, 25.164, 148.166
Yxy	21.0462, 0.3011, 0.3963
Android (android.graphics.Color)	4284450919 (0xFF5F8867)
YUV	119.9790, -8.3706, -21.9066
Hunter-Lab	45.8761, -18.0572, 11.3451

Details

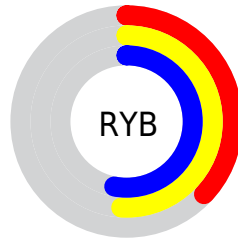
The CIELCh color $53, 25.164, 148.166$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $46, 25.269, 332.213$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 25.423, 147.694$, and $33, 25.093, 148.093$ is the 20% darker color. If you saturate the color by 10%, you get $52, 33.352, 147.195$, and if you desaturate by 10%, it is $54, 16.817, 149.009$.

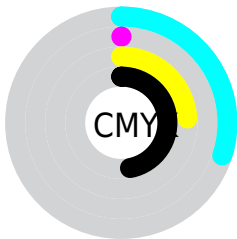
Distribution



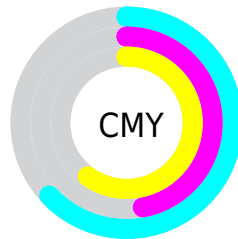
- Red (37%)
- Green (53%)
- Blue (40%)



- Red (37%)
- Yellow (51%)
- Blue (53%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (47%)





- Cyan (63%)
- Magenta (47%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 25.164, 148.166 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, 25.164, 148.166 by changing the saturation by 10% instead.


 53, 25.164,
148.166


 53, 25.164,
148.166


 100, 25.164,
148.166


 43, 25.164,
148.166


 73, 25.164,
148.166

 33, 25.164,
148.166

 83, 25.164,
148.166

 23, 25.164,
148.166

 93, 25.164,
148.166

 13, 25.164,
148.166

 3, 25.164, 148.166

 0, 25.164, 148.166

■ 53, 25.164,
148.166

■ 53, 25.164,
148.166

■ 52, 33.352,
147.195

■ 54, 16.817,
149.009

■ 51, 41.228,
146.082

■ 55, 8.430, 149.748

■ 51, 48.625,
144.817

■ 57, 0.105, 152.559

■ 58, 8.087, 330.867

■ 50, 55.365,
143.406

■ 60, 16.095,
331.359

■ 50, 61.276,
141.878

■ 61, 23.884,
331.784

■ 49, 66.197,
140.292

■ 63, 31.436,
332.158

■ 49, 70.091,
138.890

■ 65, 38.742,
332.489

■ 67, 45.803,
332.786

Harmonies

Complementary

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



53, 25.164, 148.166



46, 25.269, 332.213

Rectangle

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



53, 25.164, 148.166



53, 25.164, 198.166



53, 25.164, 328.166



53, 25.164, 18.166

Sweetspot

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



53, 25.165, 148.166



70, 9.230, 149.814



55, 23.392, 115.297



37, 6.469, 149.723



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, 25.165, 148.166



67, 36.985, 147.536



53, 17.314, 171.950



28, 4.737, 149.816



48, 68.719, 138.933



1, 2.191, 150.360

Inverse Universe

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



46, 25.269, 332.213



56, 37.114, 332.651



45, 18.771, 357.985



27, 4.752, 330.874



29, 61.362, 337.542



0, 2.192, 330.354

Previews

White Background



This preview shows how the CIELCh color 53, 25.164, 148.166 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 53, 25.164, 148.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

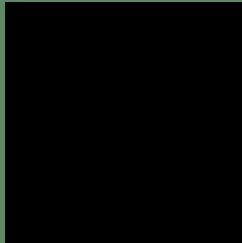
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 25.164, 148.166

Background



This preview shows how black text looks on a background with the CIELCh color 53, 25.164, 148.166.



This preview shows how white text looks on a background with the CIELCh color 53, 25.164, 148.166.

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, 25.164, 148.166

Protanopia

53, 16.460, 95.962

Deuteranopia

53, 13.571, 59.512



Tritanopia
53, 11.759, 228.172

Trichromacy



Original Color
53, 25.164, 148.166

Protanomaly
53, 17.705, 121.829

Deuteranomaly
52, 12.098, 106.633

Tritanomaly
53, 13.315, 182.877

Monochromacy



Original Color
53, 25.164, 148.166

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 9.274, 149.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 25.164, 148.166 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(95, 136, 103)` looks like.

```
.text, #text, p{  
    color:rgb(95, 136, 103)  
}
```

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(95, 136, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 136, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 25.164, 148.166 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(95, 136, 103) }
```

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

```
.border{ border-color:rgb(95, 136, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 136, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 136, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 136, 103);  
box-shadow:4px 4px 4px 4px rgb(95, 136,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 25.164, 148.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 136, 103) }
```

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

```
.background{ background-color: rgb(95, 136,  
103) }
```

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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