

Converting Colors

CIELCh(53, 30.575, 189.126)

Have a look what the booklet for
CIELCh(53, 30.575, 189.126)
contains.

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Color

CIELCh(53, 30.742, 188.827)

Conversions

Conversions Part 1

Format	Color
Hex	248D86
RGB	36, 141, 134
RGB Percent	14%, 55%, 53%
CMY	0.8605, 0.4482, 0.4756
CMYK	0.75, 0.00, 0.05, 0.45
HSL	176°, 60%, 35%
HSV	176°, 75%, 55%
XYZ	14.4790, 21.0462, 25.7513
YIQ	108.8070, -60.3330, -24.4370

Conversions

Conversions Part 2

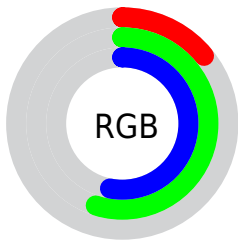
Format	Color
RYB	36, 90, 141
Decimal	2395526
CIELab	53.00, -30.38, -4.72
CIELCh	53, 30.742, 188.827
Yxy	21.0462, 0.2363, 0.3435
Android (android.graphics.Color)	4280585606 (0xFF248D86)
YUV	108.8070, 12.4201, -63.8517
Hunter-Lab	45.8761, -23.9468, -1.1675

Details

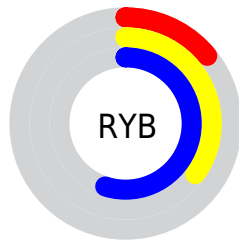
The CIELCh color **53, 30.742, 188.827** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **32, 49.544, 26.853**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 30.642, 188.863**, and **34, 24.472, 188.764** is the 20% darker color. If you saturate the color by 10%, you get **53, 32.465, 188.092**, and if you desaturate by 10%, it is **53, 28.364, 189.527**.

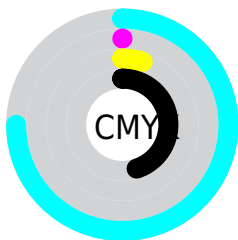
Distribution



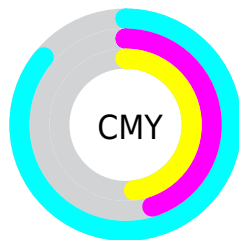
- Red (14%)
- Green (55%)
- Blue (53%)



- Red (14%)
- Yellow (35%)
- Blue (55%)



- Cyan (75%)
- Magenta (0%)
- Yellow (5%)
- Black (45%)





- Cyan (86%)
- Magenta (45%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 30.742, 188.827 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, 30.742, 188.827 by changing the saturation by 10% instead.


 53, 30.742,
188.827


 53, 30.742,
188.827


 100, 30.742,
188.827


 43, 30.742,
188.827


 73, 30.742,
188.827

 33, 30.742,
188.827

 83, 30.742,
188.827

 23, 30.742,
188.827

 93, 30.742,
188.827

 13, 30.742,
188.827

 3, 30.742, 188.827

 0, 30.742, 188.827

■ 53, 30.742,
188.827

■ 53, 30.742,
188.827

■ 53, 32.465,
188.092

■ 53, 28.364,
189.527

■ 53, 33.578,
187.314

■ 54, 25.338,
190.210

■ 53, 34.069,
186.903

■ 54, 21.705,
190.884

■ 55, 17.530,
191.558

■ 56, 12.894,
192.238

■ 57, 7.882, 192.935

■ 58, 2.578, 193.726

■ 59, 2.939, 14.107



Harmonies

Complementary

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



53, 30.742, 188.827



32, 49.544, 26.853

Rectangle

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



53, 30.742, 188.827



53, 30.742, 238.827



53, 30.742, 8.827



53, 30.742, 58.827

Sweetspot

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



53, 30.742, 188.826



72, 14.351, 192.392



51, 66.297, 136.934



37, 9.545, 192.232



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 30.742, 188.826



67, 40.524, 187.533



39, 30.842, 264.519



30, 3.098, 193.342



51, 33.077, 186.936



2, 2.134, 193.902

Inverse Universe

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



32, 49.544, 26.853



39, 73.062, 33.686



41, 42.021, 60.033



28, 3.254, 14.501



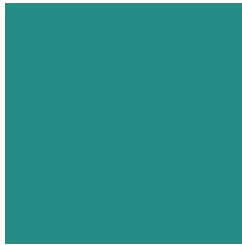
27, 62.051, 36.109



0, 2.134, 13.886

Previews

White Background



This preview shows how the CIELCh color 53, 30.742, 188.827 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, 30.742, 188.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

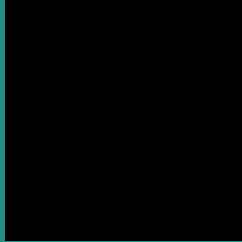
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 30.742, 188.827

Background



This preview shows how black text looks on a background with the CIELCh color 53, 30.742, 188.827.



This preview shows how white text looks on a background with the CIELCh color 53, 30.742, 188.827.

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, 30.742, 188.827

Protanopia

53, 1.201, 19.210

Deuteranopia

53, 10.105, 313.769



Tritanopia
53, 26.683, 212.325

Trichromacy



Original Color
53, 30.742, 188.827



Protanomaly
52, 13.826, 190.719



Deuteranomaly
52, 12.130, 218.048



Tritanomaly
53, 27.718, 202.893

Monochromacy



Original Color
53, 30.742, 188.827



Achromatopsia
46, 0.006, 296.813



Achromatomaly
48, 14.273, 190.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 30.742, 188.827 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(36, 141, 134)` looks like.

```
.text, #text, p{  
    color:rgb(36, 141, 134)  
}
```

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(36, 141, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 141, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 30.742, 188.827 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(36, 141, 134) }
```

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

```
.border{ border-color:rgb(36, 141, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 141, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 141, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 141, 134);  
box-shadow:4px 4px 4px 4px rgb(36, 141,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 30.742, 188.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 141, 134) }
```

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

```
.background{ background-color: rgb(36, 141,  
134) }
```

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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