

Converting Colors

CIELCh(53, 27.050, 136.784)

Have a look what the booklet for
CIELCh(53, 27.050, 136.784)
contains.

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Color

CIELCh(53, 26.955, 136.717)

Conversions

Conversions Part 1

Format	Color
Hex	67875E
RGB	103, 135, 94
RGB Percent	40%, 53%, 37%
CMY	0.5958, 0.4703, 0.6311
CMYK	0.24, 0.00, 0.30, 0.47
HSL	107°, 18%, 45%
HSV	107°, 30%, 53%
XYZ	16.2999, 21.0462, 13.8094
YIQ	120.7580, -5.9110, -19.5350

Conversions

Conversions Part 2

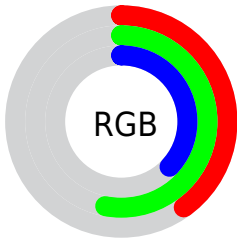
Format	Color
R_{YB}	94, 135, 126
Decimal	6784862
CIE _{Lab}	53.00, -19.62, 18.48
CIE _{LCh}	53, 26.955, 136.717
Yxy	21.0462, 0.3186, 0.4114
Android (android.graphics.Color)	4284974942 (0xFF67875E)
YUV	120.7580, -13.1917, -15.5738
Hunter-Lab	45.8761, -16.8619, 14.2661

Details

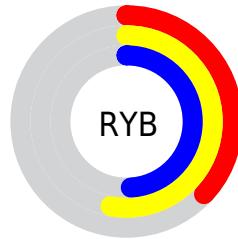
The CIELCh color $53, 26.955, 136.717$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45, 27.361, 319.507$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 26.501, 136.726$, and $33, 27.040, 136.231$ is the 20% darker color. If you saturate the color by 10%, you get $52, 35.694, 136.112$, and if you desaturate by 10%, it is $54, 18.074, 137.277$.

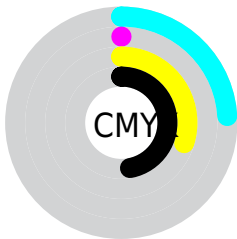
Distribution



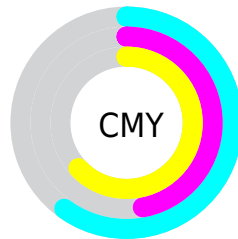
- Red (40%)
- Green (53%)
- Blue (37%)



- Red (37%)
- Yellow (53%)
- Blue (49%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 26.955, 136.717 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, 26.955, 136.717 by changing the saturation by 10% instead.


 53, 26.955,
136.717


 53, 26.955,
136.717


 100, 26.955,
136.717


 43, 26.955,
136.717


 73, 26.955,
136.717

 33, 26.955,
136.717

 83, 26.955,
136.717

 23, 26.955,
136.717

 93, 26.955,
136.717

 13, 26.955,
136.717

 3, 26.955, 136.717

 0, 26.955, 136.717

■ 53, 26.955,
136.717

■ 53, 26.955,
136.717

■ 52, 35.694,
136.112

■ 54, 18.074,
137.277

■ 51, 44.128,
135.482

■ 55, 9.163, 137.785

■ 51, 52.049,
134.870

■ 56, 0.308, 138.704

■ 58, 8.430, 318.577

■ 50, 59.177,
134.351

■ 59, 17.009,
318.919

■ 50, 65.171,
134.029

■ 60, 25.402,
319.209

■ 49, 69.679,
134.020

■ 62, 33.591,
319.457

■ 49, 72.858,
134.139

■ 64, 41.568,
319.668

■ 65, 49.331,
319.849

Harmonies

Complementary

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



53, 26.955, 136.717



45, 27.361, 319.507

Rectangle

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



53, 26.955, 136.717



53, 26.955, 186.717



53, 26.955, 316.717



53, 26.955, 6.717

Sweetspot

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



53, 26.956, 136.718



70, 9.874, 137.842



53, 18.545, 94.803



37, 6.920, 137.779



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, 26.956, 136.718



67, 39.589, 136.331



53, 23.888, 150.664



27, 4.911, 137.846



47, 70.850, 134.100



1, 1.173, 138.226

Inverse Universe

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



45, 27.361, 319.507



55, 40.294, 319.772



45, 24.083, 335.002



26, 4.939, 318.587



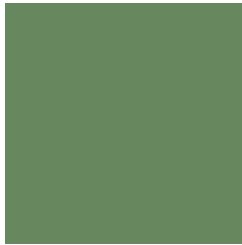
25, 71.601, 320.244



0, 1.174, 318.222

Previews

White Background



This preview shows how the CIELCh color 53, 26.955, 136.717 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, 26.955, 136.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

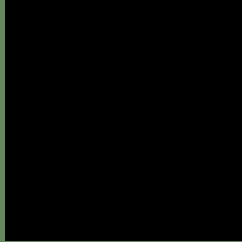
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 26.955, 136.717

Background



This preview shows how black text looks on a background with the CIELCh color 53, 26.955, 136.717.



This preview shows how white text looks on a background with the CIELCh color 53, 26.955, 136.717.

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, 26.955, 136.717

Protanopia
53, 21.106, 95.447

Deuteranopia
53, 18.432, 68.165



Tritanopia
53, 9.061, 243.774

Trichromacy



Original Color
53, 26.955, 136.717

Protanomaly
53, 21.788, 113.155

Deuteranomaly
53, 17.422, 99.368

Tritanomaly
53, 10.141, 171.177

Monochromacy



Original Color
53, 26.955, 136.717

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 10.015, 138.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 26.955, 136.717 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(103, 135, 94)` looks like.

```
.text, #text, p{  
    color:rgb(103, 135, 94)  
}
```

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(103, 135, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 135, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 26.955, 136.717 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(103, 135, 94) }
```

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

```
.border{ border-color:rgb(103, 135, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 135, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 135, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 135, 94);  
box-shadow:4px 4px 4px 4px rgb(103, 135,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 26.955, 136.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 135, 94) }
```

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

```
.background{ background-color: rgb(103,  
135, 94) }
```

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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