

Converting Colors

CIELCh(53, 5.348, 262.437)

Have a look what the booklet for
CIELCh(53, 5.348, 262.437) contains.

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Color

CIELCh(53, 5.126, 264.127)

Conversions

Conversions Part 1

Format	Color
Hex	797F87
RGB	121, 127, 135
RGB Percent	47%, 50%, 53%
CMY	0.5249, 0.5014, 0.4700
CMYK	0.10, 0.06, 0.00, 0.47
HSL	214°, 6%, 50%
HSV	214°, 10%, 53%
XYZ	19.8981, 21.0462, 25.9905
YIQ	126.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

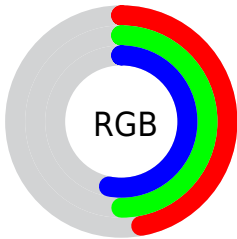
Format	Color
R_{YB}	121, 125, 135
Decimal	7962503
CIE Lab	53.00, -0.52, -5.10
CIE LCh	53, 5.126, 264.127
Yxy	21.0462, 0.2973, 0.3144
Android (android.graphics.Color)	4286152583 (0xFF797F87)
YUV	126.1180, 4.3788, -4.4885
Hunter-Lab	45.8761, -2.8614, -1.4766

Details

The CIELCh color $53, 5.126, 264.127$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 5.191, 81.417$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 4.990, 260.041$, and $33, 5.003, 261.433$ is the 20% darker color. If you saturate the color by 10%, you get $50, 10.078, 265.609$, and if you desaturate by 10%, it is $56, 0.184, 264.039$.

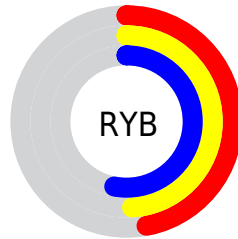
Distribution



Red (47%)

Green (50%)

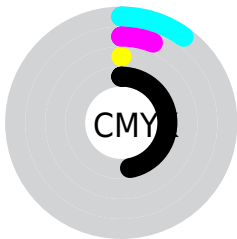
Blue (53%)



Red (47%)

Yellow (49%)

Blue (53%)

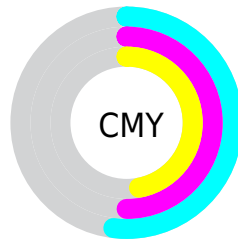


Cyan (10%)

Magenta (6%)

Yellow (0%)

Black (47%)



Cyan (52%)

Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 5.126, 264.127 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, 5.126, 264.127 by changing the saturation by 10% instead.

■ 53, 5.126, 264.127

■ 53, 5.126, 264.127

■ 100, 5.126,
264.127

■ 43, 5.126, 264.127

■ 73, 5.126, 264.127

■ 33, 5.126, 264.127

■ 83, 5.126, 264.127

■ 23, 5.126, 264.127

■ 93, 5.126, 264.127

■ 13, 5.126, 264.127

■ 3, 5.126, 264.127

■ 0, 5.126, 264.127

■ 53, 5.126, 264.127

■ 53, 5.126, 264.127

■ 50, 10.078,
265.609

■ 56, 0.184, 264.039

■ 60, 4.737, 81.594

47, 15.035,
267.378

63, 9.629, 80.645

43, 19.989,
269.456

66, 14.483, 79.802

69, 19.292, 79.057

40, 24.943,
271.888

73, 24.053, 78.396

37, 29.908,
274.713

76, 28.761, 77.807

79, 33.412, 77.277

34, 34.911,
277.947

82, 38.005, 76.799

31, 39.991,
281.565

29, 45.189,
285.475

26, 50.357,
289.160

Harmonies

Complementary

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



53, 5.126, 264.127



54, 5.191, 81.417

Rectangle

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



53, 5.126, 264.127



53, 5.126, 314.127



53, 5.126, 84.127



53, 5.126, 134.127

Sweetspot

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



53, 5.125, 264.114



71, 1.844, 263.253



55, 6.530, 166.577



37, 1.408, 263.318



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, 5.125, 264.114



67, 7.365, 264.378



51, 8.173, 293.722



27, 2.835, 263.954



26, 49.572, 289.079



1, 1.315, 262.731

Inverse Universe

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



52, 6.626, 348.525



66, 9.546, 348.708



56, 7.986, 111.941



27, 3.659, 348.412



27, 51.956, 7.380



0, 1.676, 347.678

Previews

White Background



This preview shows how the CIELCh color 53, 5.126, 264.127 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, 5.126, 264.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

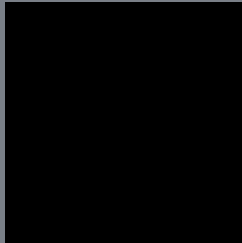
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

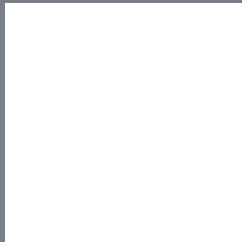
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 5.126, 264.127

Background



This preview shows how black text looks on a background with the CIELCh color 53, 5.126, 264.127.



This preview shows how white text looks on a background with the CIELCh color 53, 5.126, 264.127.

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, 5.126, 264.127

Protanopia

53, 4.633, 290.763

Deuteranopia

53, 8.711, 320.577



Tritanopia
53, 6.175, 269.202

Trichromacy



Original Color

53, 5.126, 264.127

Protanomaly

53, 4.685, 281.273

Deuteranomaly

53, 6.580, 304.575

Tritanomaly

53, 5.645, 266.893

Monochromacy



Original Color

53, 5.126, 264.127

Achromatopsia

53, 0.007, 296.813

Achromatomaly

53, 1.899, 266.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 5.126, 264.127 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(121, 127, 135)` looks like.

```
.text, #text, p{  
    color:rgb(121, 127, 135)  
}
```

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(121, 127, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 127, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 5.126, 264.127 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(121, 127, 135) }
```

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

```
.border{ border-color:rgb(121, 127, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 127, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 127, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 127, 135);  
box-shadow:4px 4px 4px 4px rgb(121, 127,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 5.126, 264.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 127, 135) }
```

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

```
.background{ background-color: rgb(121,  
127, 135) }
```

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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