

Converting Colors

CIELCh(53, 10.405, 259.689)

Have a look what the booklet for
CIELCh(53, 10.405, 259.689)
contains.

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Color

CIELCh(53, 10.616, 260.208)

Conversions

Conversions Part 1

Format	Color
Hex	718090
RGB	113, 128, 144
RGB Percent	44%, 50%, 56%
CMY	0.5560, 0.4971, 0.4344
CMYK	0.21, 0.11, 0.00, 0.43
HSL	211°, 12%, 50%
HSV	211°, 21%, 57%
XYZ	19.6417, 21.0462, 29.5082
YIQ	125.3390, -14.0760, 1.7960

Conversions

Conversions Part 2

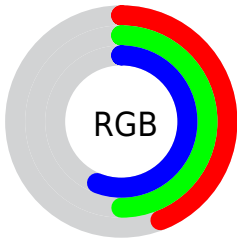
Format	Color
R_{YB}	113, 123, 144
Decimal	7438480
CIE _{Lab}	53.00, -1.81, -10.46
CIE _{LCh}	53, 10.616, 260.208
Yxy	21.0462, 0.2798, 0.2998
Android (android.graphics.Color)	4285628560 (0xFF718090)
YUV	125.3390, 9.1999, -10.8213
Hunter-Lab	45.8761, -3.8592, -6.0230

Details

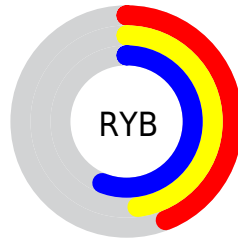
The CIELCh color $53, 10.616, 260.208$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 11.156, 74.514$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 10.666, 259.393$, and $33, 10.860, 260.053$ is the 20% darker color. If you saturate the color by 10%, you get $50, 15.479, 262.015$, and if you desaturate by 10%, it is $56, 5.700, 258.683$.

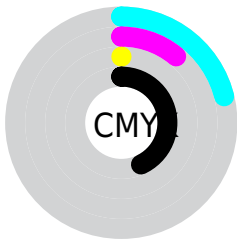
Distribution



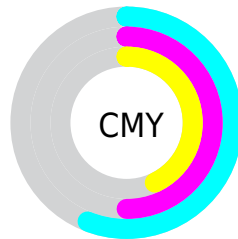
- Red (44%)
- Green (50%)
- Blue (56%)



- Red (44%)
- Yellow (48%)
- Blue (56%)



- Cyan (21%)
- Magenta (11%)
- Yellow (0%)
- Black (43%)





- Cyan (56%)
- Magenta (50%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 10.616, 260.208 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, 10.616, 260.208 by changing the saturation by 10% instead.


 53, 10.616,
260.208


 53, 10.616,
260.208


 100, 10.616,
260.208


 43, 10.616,
260.208


 73, 10.616,
260.208

 33, 10.616,
260.208


 83, 10.616,
260.208

 23, 10.616,
260.208

 93, 10.616,
260.208

 13, 10.616,
260.208

 3, 10.616, 260.208

 0, 10.616, 260.208

■ 53, 10.616,
260.208

■ 53, 10.616,
260.208

■ 50, 15.479,
262.015

■ 56, 5.700, 258.683

■ 47, 20.279,
264.163

■ 59, 0.749, 257.694

■ 44, 25.009,
266.697

■ 63, 4.221, 76.133

■ 41, 29.676,
269.665

■ 66, 9.195, 75.202

■ 38, 34.308,
273.089

■ 69, 14.159, 74.375

■ 35, 38.952,
276.947

■ 72, 19.104, 73.649

■ 32, 43.673,
281.148

■ 76, 24.020, 73.008

■ 30, 47.821,

■ 79, 28.899, 72.440

■ 82, 33.737, 71.932

284.663

Harmonies

Complementary

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



53, 10.616, 260.208



55, 11.156, 74.514

Rectangle

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



53, 10.616, 260.208



53, 10.616, 310.208



53, 10.616, 80.208



53, 10.616, 130.208

Sweetspot

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



53, 10.615, 260.203



74, 3.712, 257.995



57, 14.962, 161.820



38, 2.454, 258.060



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 10.615, 260.203



66, 15.948, 261.081



49, 18.256, 292.553



29, 2.779, 258.371



28, 45.339, 284.373



1, 1.883, 257.152

Inverse Universe

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



51, 15.203, 346.391



63, 22.980, 346.906



59, 17.393, 108.159



28, 3.909, 345.232



28, 52.850, 2.293



1, 2.610, 344.524

Previews

White Background



This preview shows how the CIELCh color 53, 10.616, 260.208 looks on a white background.

Color Contrast Check

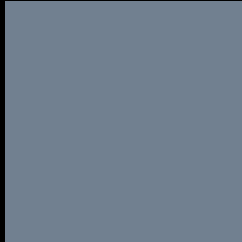
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.616, 260.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

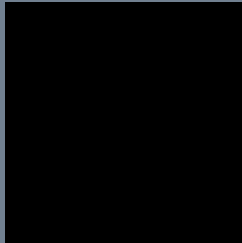
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

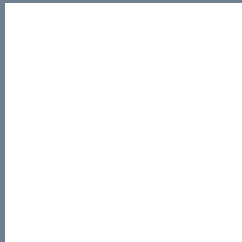
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 10.616, 260.208

Background



This preview shows how black text looks on a background with the CIELCh color 53, 10.616, 260.208.



This preview shows how white text looks on a background with the CIELCh color 53, 10.616, 260.208.

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

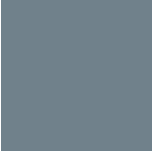
53, 10.616, 260.208

Protanopia

53, 9.851, 289.215

Deuteranopia

53, 13.072, 303.359



Tritanopia
53, 8.436, 242.446

Trichromacy



Original Color
53, 10.616, 260.208

Protanomaly
53, 10.043, 278.558

Deuteranomaly
53, 11.586, 289.770

Tritanomaly
53, 9.211, 248.132

Monochromacy



Original Color
53, 10.616, 260.208

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.135, 256.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 10.616, 260.208 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(113, 128, 144)` looks like.

```
.text, #text, p{  
    color:rgb(113, 128, 144)  
}
```

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(113, 128, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 128, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 10.616, 260.208 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(113, 128, 144) }
```

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

```
.border{ border-color:rgb(113, 128, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 128, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 128, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 128, 144);  
box-shadow:4px 4px 4px 4px rgb(113, 128,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 10.616, 260.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 128, 144) }
```

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

```
.background{ background-color: rgb(113,  
128, 144) }
```

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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