

Converting Colors

CIELCh(56, 37.763, 251.970)

Have a look what the booklet for
CIELCh(56, 37.763, 251.970)
contains.

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Color

CIELCh(56, 37.817, 252.087)

Conversions

Conversions Part 1

Format	Color
Hex	1A8FC4
RGB	26, 143, 196
RGB Percent	10%, 56%, 77%
CMY	0.8963, 0.4386, 0.2307
CMYK	0.87, 0.27, 0.00, 0.23
HSL	199°, 76%, 44%
HSV	199°, 87%, 77%
XYZ	20.2671, 23.9124, 55.8754
YIQ	114.0590, -86.7450, -8.3210

Conversions

Conversions Part 2

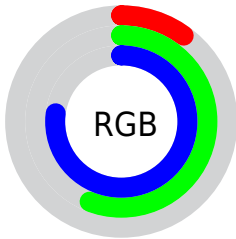
Format	Color
R_{YB}	26, 95, 196
Decimal	1740740
CIE Lab	56.00, -11.63, -35.98
CIE LCh	56, 37.817, 252.087
Yxy	23.9124, 0.2026, 0.2390
Android (android.graphics.Color)	4279930820 (0xFF1A8FC4)
YUV	114.0590, 40.3969, -77.2277
Hunter-Lab	48.9003, -11.5948, -33.5169

Details

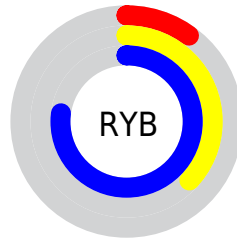
The CIELCh color **56, 37.817, 252.087** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **49, 67.759, 49.243**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 37.753, 251.904**, and **37, 33.787, 262.843** is the 20% darker color. If you saturate the color by 10%, you get **54, 40.239, 256.918**, and if you desaturate by 10%, it is **58, 35.125, 247.872**.

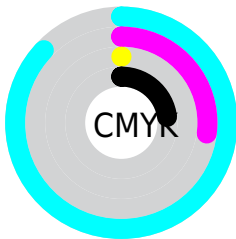
Distribution



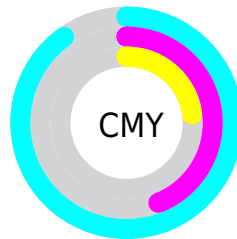
- Red (10%)
- Green (56%)
- Blue (77%)



- Red (10%)
- Yellow (37%)
- Blue (77%)



- Cyan (87%)
- Magenta (27%)
- Yellow (0%)
- Black (23%)





- Cyan (90%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 37.817, 252.087 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 56, 37.817, 252.087 by changing the saturation by 10% instead.


 56, 37.817,
252.087


 56, 37.817,
252.087


 100, 37.817,
252.087


 46, 37.817,
252.087


 76, 37.817,
252.087

 36, 37.817,
252.087


 86, 37.817,
252.087

 26, 37.817,
252.087

 96, 37.817,
252.087

 16, 37.817,
252.087

 6, 37.817, 252.087

 0, 37.817, 252.087

■ 56, 37.817,
252.087

■ 56, 37.817,
252.087

■ 54, 40.239,
256.918

■ 58, 35.125,
247.872

■ 53, 41.096,
258.608

■ 61, 32.020,
244.332

■ 63, 28.426,
241.431

■ 66, 24.330,
239.090

■ 68, 19.761,
237.220

■ 71, 14.774,
235.738

■ 74, 9.433, 234.574

■ 77, 3.804, 233.714

Harmonies

Complementary

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



56, 37.817, 252.087



49, 67.759, 49.243

Rectangle

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



56, 37.817, 252.087



56, 37.817, 302.087



56, 37.817, 72.087



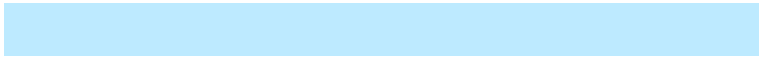
56, 37.817, 122.087

Sweetspot

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



56, 37.816, 252.088



90, 17.923, 235.722



70, 80.015, 143.622



47, 12.033, 236.203



0, 0.000, 0.000



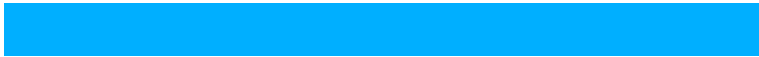
53, 0.007, 296.813

Same Dimension

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



56, 37.816, 252.088



68, 50.482, 259.485



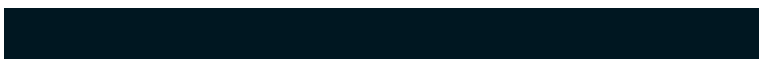
33, 83.597, 298.944



39, 3.253, 233.919



44, 35.171, 257.781



6, 10.657, 247.159

Inverse Universe

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



45, 73.707, 343.338



56, 91.253, 346.270



68, 66.810, 89.782



38, 5.805, 335.395



35, 64.972, 345.555



3, 18.068, 340.960

Previews

White Background



This preview shows how the CIE LCh color 56, 37.817, 252.087 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 56, 37.817, 252.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

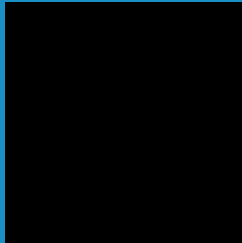
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 37.817, 252.087

Background



This preview shows how black text looks on a background with the CIELCh color 56, 37.817, 252.087.

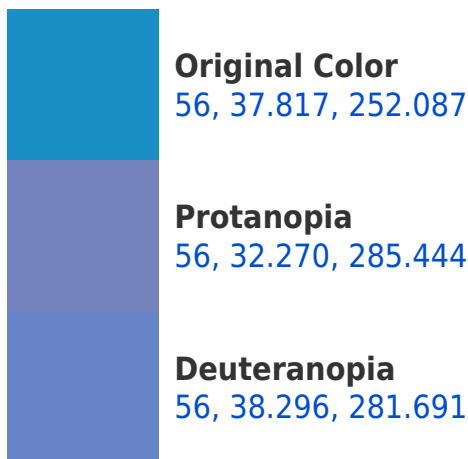


This preview shows how white text looks on a background with the CIELCh color 56, 37.817, 252.087.

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





Tritanopia
56, 32.226, 209.142

Trichromacy



Original Color
56, 37.817, 252.087

Protanomaly
55, 34.012, 268.212

Deuteranomaly
56, 37.582, 268.439

Tritanomaly
56, 32.218, 226.174

Monochromacy



Original Color
56, 37.817, 252.087

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 17.747, 237.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 37.817, 252.087 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(26, 143, 196)` looks like.

```
.text, #text, p{  
    color:rgb(26, 143, 196)  
}
```

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(26, 143, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 143, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 37.817, 252.087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

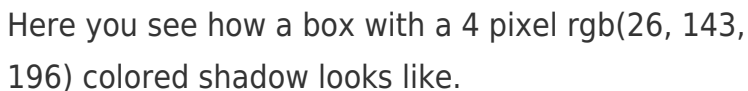
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(26, 143, 196) }
```

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

```
.border{ border-color:rgb(26, 143, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(26, 143, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 143, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 143, 196);  
box-shadow:4px 4px 4px 4px rgb(26, 143,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 37.817, 252.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 143, 196) }
```

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

```
.background{ background-color: rgb(26, 143,  
196) }
```

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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