

Converting Colors

CIELCh(56, 39.008, 254.210)

Have a look what the booklet for
CIELCh(56, 39.008, 254.210)
contains.

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Color

CIELCh(56, 38.995, 254.120)

Conversions

Conversions Part 1

Format	Color
Hex	188FC7
RGB	24, 143, 199
RGB Percent	9%, 56%, 78%
CMY	0.9072, 0.4397, 0.2202
CMYK	0.88, 0.28, 0.00, 0.22
HSL	199°, 79%, 44%
HSV	199°, 88%, 78%
XYZ	20.4635, 23.9124, 57.4851
YIQ	113.8030, -88.9000, -7.8120

Conversions

Conversions Part 2

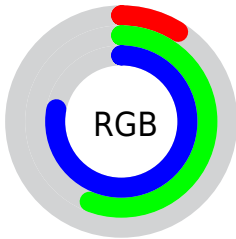
Format	Color
R_{YB}	24, 95, 199
Decimal	1609671
CIE _{Lab}	56.00, -10.67, -37.51
CIE _{LCh}	56, 38.995, 254.120
Y _{xy}	23.9124, 0.2009, 0.2348
Android (android.graphics.Color)	4279799751 (0xFF188FC7)
YUV	113.8030, 42.0021, -78.7572
Hunter-Lab	48.9003, -10.8781, -35.4685

Details

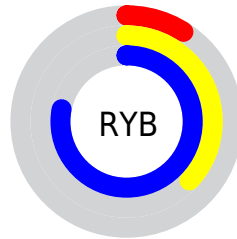
The CIELCh color **56, 38.995, 254.120** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **49, 69.538, 49.589**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 38.477, 253.201**, and **38, 35.202, 265.137** is the 20% darker color. If you saturate the color by 10%, you get **54, 41.555, 259.042**, and if you desaturate by 10%, it is **58, 36.228, 249.747**.

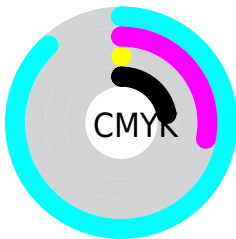
Distribution



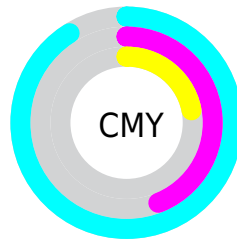
- Red (9%)
- Green (56%)
- Blue (78%)



- Red (9%)
- Yellow (37%)
- Blue (78%)



- Cyan (88%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)





- Cyan (91%)
- Magenta (44%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 38.995, 254.120 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, 38.995, 254.120 by changing the saturation by 10% instead.


 56, 38.995,
254.120


 56, 38.995,
254.120


 100, 38.995,
254.120


 46, 38.995,
254.120


 76, 38.995,
254.120

 36, 38.995,
254.120

 86, 38.995,
254.120

 26, 38.995,
254.120

 96, 38.995,
254.120

 16, 38.995,
254.120

 6, 38.995, 254.120

 0, 38.995, 254.120

■ 56, 38.995,
254.120

■ 56, 38.995,
254.120

■ 54, 41.555,
259.042

■ 58, 36.228,
249.747

■ 54, 42.056,
259.962

■ 61, 33.082,
246.044

■ 63, 29.468,
242.990

■ 66, 25.360,
240.514

■ 69, 20.781,
238.529

■ 72, 15.779,
236.949

■ 75, 10.418,
235.701

■ 78, 4.762, 234.751

Harmonies

Complementary

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



56, 38.995, 254.120



49, 69.538, 49.589

Rectangle

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



56, 38.995, 254.120



56, 38.995, 304.120



56, 38.995, 74.120



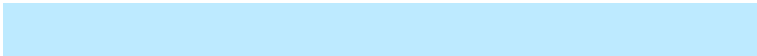
56, 38.995, 124.120

Sweetspot

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



56, 38.994, 254.121



90, 17.944, 236.712



71, 80.791, 143.874



47, 12.050, 237.206



0, 0.000, 0.000



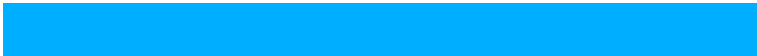
53, 0.007, 296.813

Same Dimension

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



56, 38.994, 254.121



68, 51.135, 260.791



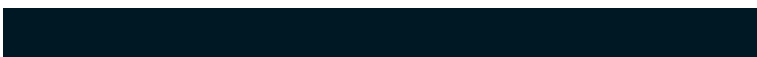
32, 87.964, 300.094



40, 3.324, 234.853



44, 36.036, 259.153



7, 11.535, 248.069

Inverse Universe

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



45, 74.489, 344.101



56, 90.847, 346.839



69, 68.710, 90.850



39, 5.900, 335.703



36, 65.423, 346.129



4, 20.230, 341.784

Previews

White Background



This preview shows how the CIE LCh color 56, 38.995, 254.120 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 56, 38.995, 254.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

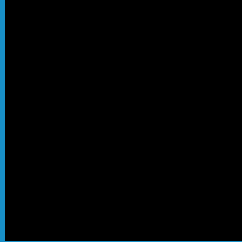
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 38.995, 254.120

Background



This preview shows how black text looks on a background with the CIELCh color 56, 38.995, 254.120.



This preview shows how white text looks on a background with the CIELCh color 56, 38.995, 254.120.

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
56, 38.995, 254.120

Protanopia
56, 33.423, 285.403

Deuteranopia
56, 39.478, 281.523



Tritanopia
56, 32.226, 209.142

Trichromacy



Original Color
56, 38.995, 254.120

Protanomaly
55, 35.567, 269.510

Deuteranomaly
56, 38.695, 268.924

Tritanomaly
56, 32.386, 227.207

Monochromacy



Original Color
56, 38.995, 254.120

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 18.368, 240.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 38.995, 254.120 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(24, 143, 199)` looks like.

```
.text, #text, p{  
    color:rgb(24, 143, 199)  
}
```

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(24, 143, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 143, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 38.995, 254.120 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(24, 143, 199) }
```

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

```
.border{ border-color:rgb(24, 143, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 143, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 143, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 143, 199);  
box-shadow:4px 4px 4px 4px rgb(24, 143,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 38.995, 254.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 143, 199) }
```

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

```
.background{ background-color: rgb(24, 143,  
199) }
```

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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