

Converting Colors

CIELCh(56, 36.396, 266.098)

Have a look what the booklet for
CIELCh(56, 36.396, 266.098)
contains.

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Color

CIELCh(56, 36.336, 265.722)

Conversions

Conversions Part 1

Format	Color
Hex	4B8BC5
RGB	75, 139, 197
RGB Percent	29%, 55%, 77%
CMY	0.7068, 0.4557, 0.2283
CMYK	0.62, 0.29, 0.00, 0.23
HSL	209°, 51%, 53%
HSV	209°, 62%, 77%
XYZ	22.1377, 23.9124, 56.1386
YIQ	126.4760, -56.7620, 4.4700

Conversions

Conversions Part 2

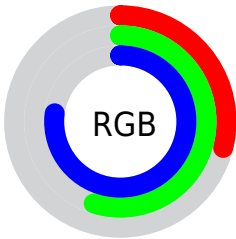
Format	Color
R_{YB}	75, 117, 197
Decimal	4950981
CIE _{Lab}	56.00, -2.71, -36.23
CIE _{LCh}	56, 36.336, 265.722
Yxy	23.9124, 0.2166, 0.2340
Android (android.graphics.Color)	4283141061 (0xFF4B8BC5)
YUV	126.4760, 34.7683, -45.1445
Hunter-Lab	48.9003, -4.7667, -33.8359

Details

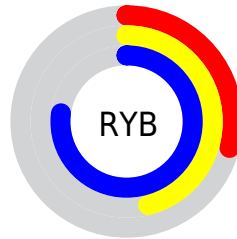
The CIELCh color **56, 36.336, 265.722** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **61, 44.857, 65.240**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 36.443, 266.117**, and **36, 36.084, 267.990** is the 20% darker color. If you saturate the color by 10%, you get **53, 41.685, 269.386**, and if you desaturate by 10%, it is **60, 30.862, 262.575**.

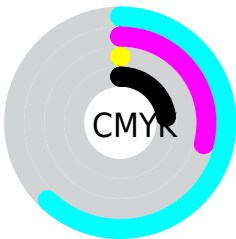
Distribution



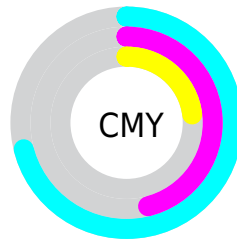
- Red (29%)
- Green (55%)
- Blue (77%)



- Red (29%)
- Yellow (46%)
- Blue (77%)



- Cyan (62%)
- Magenta (29%)
- Yellow (0%)
- Black (23%)





- Cyan (71%)
- Magenta (46%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 36.336, 265.722 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, 36.336, 265.722 by changing the saturation by 10% instead.


 56, 36.336,
265.722


 56, 36.336,
265.722


 100, 36.336,
265.722


 46, 36.336,
265.722


 76, 36.336,
265.722

 36, 36.336,
265.722

 86, 36.336,
265.722

 26, 36.336,
265.722

 96, 36.336,
265.722

 16, 36.336,
265.722

 6, 36.336, 265.722

 0, 36.336, 265.722

■ 56, 36.336,
265.722

■ 56, 36.336,
265.722

■ 53, 41.685,
269.386

■ 60, 30.862,
262.575

■ 49, 46.985,
273.542

■ 63, 25.230,
259.915

■ 46, 52.340,
278.082

■ 67, 19.433,
257.686

■ 44, 56.754,
281.744

■ 71, 13.487,
255.828

■ 75, 7.417, 254.287

■ 79, 1.253, 253.226

■ 83, 4.976, 71.732

■ 87, 11.244, 70.828

■ 91, 17.528, 70.028

Harmonies

Complementary

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



56, 36.336, 265.722



61, 44.857, 65.240

Rectangle

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



56, 36.336, 265.722



56, 36.336, 315.722



56, 36.336, 85.722



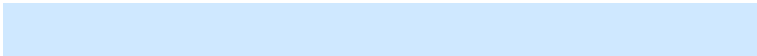
56, 36.336, 135.722

Sweetspot

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



56, 36.335, 265.723



91, 14.403, 255.379



72, 53.944, 154.943



47, 9.889, 255.860



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, 36.335, 265.723



66, 52.685, 270.639



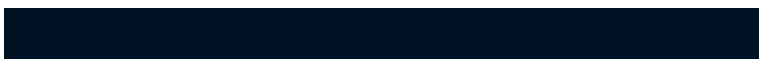
40, 71.108, 298.879



40, 3.540, 253.935



36, 48.756, 281.051



5, 13.621, 268.061

Inverse Universe

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



50, 55.902, 349.383



60, 77.648, 352.067



76, 59.535, 102.865



39, 5.289, 343.056



35, 61.053, 359.254



4, 18.110, 351.463

Previews

White Background



This preview shows how the CIELCh color 56, 36.336, 265.722 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, 36.336, 265.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

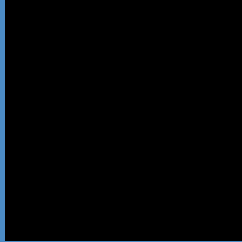
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 36.336, 265.722

Background



This preview shows how black text looks on a background with the CIELCh color 56, 36.336, 265.722.



This preview shows how white text looks on a background with the CIELCh color 56, 36.336, 265.722.

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, 36.336, 265.722

Protanopia

56, 33.973, 285.104

Deuteranopia

56, 37.704, 281.791



Tritanopia
56, 26.699, 212.229

Trichromacy



Original Color
56, 36.336, 265.722

Protanomaly
56, 34.754, 277.226

Deuteranomaly
56, 37.270, 276.019

Tritanomaly
56, 27.261, 235.711

Monochromacy



Original Color
56, 36.336, 265.722

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 14.494, 256.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 36.336, 265.722 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(75, 139, 197)` looks like.

```
.text, #text, p{  
    color:rgb(75, 139, 197)  
}
```

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(75, 139, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 139, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 36.336, 265.722 is called "border". The border property can be set on classes, ids or directly on the HTML element.

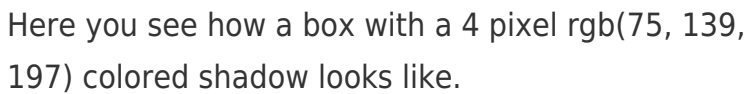
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(75, 139, 197) }
```

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

```
.border{ border-color:rgb(75, 139, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(75, 139, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(75, 139, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(75, 139, 197); box-shadow:4px 4px 4px 4px rgb(75, 139, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 36.336, 265.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 139, 197) }
```

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

```
.background{ background-color: rgb(75, 139,  
197) }
```

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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