

Converting Colors

CIELCh(42, 44.207, 281.409)

Have a look what the booklet for
CIELCh(42, 44.207, 281.409)
contains.

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Color

CIELCh(42, 44.126, 281.096)

Conversions

Conversions Part 1

Format	Color
Hex	3463AB
RGB	52, 99, 171
RGB Percent	20%, 39%, 67%
CMY	0.7979, 0.6131, 0.3310
CMYK	0.70, 0.42, 0.00, 0.33
HSL	216°, 54%, 44%
HSV	216°, 70%, 67%
XYZ	13.1332, 12.5000, 40.0515
YIQ	93.1550, -51.1240, 12.4280

Conversions

Conversions Part 2

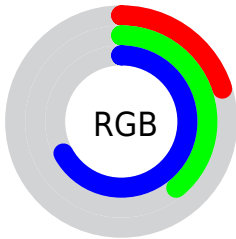
Format	Color
R_{YB}	52, 86, 171
Decimal	3433387
CIE _{Lab}	42.00, 8.49, -43.30
CIE _{LCh}	42, 44.126, 281.096
Yxy	12.5000, 0.1999, 0.1903
Android (android.graphics.Color)	4281623467 (0xFF3463AB)
YUV	93.1550, 38.3776, -36.0929
Hunter-Lab	35.3553, 4.4343, -42.4166




Details

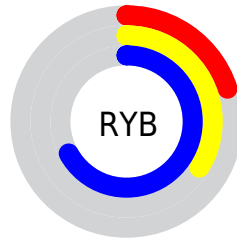
The CIELCh color **42, 44.126, 281.096** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **55, 46.483, 76.234**, and the grayscale version is **39, 0.006, 296.813**.




A 20% lighter version of the original color is **62, 44.380, 281.368**, and **23, 43.341, 286.850** is the 20% darker color. If you saturate the color by 10%, you get **38, 50.785, 284.712**, and if you desaturate by 10%, it is **46, 37.611, 277.845**.

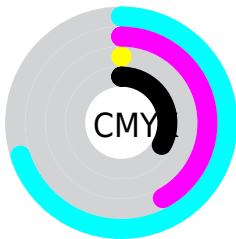
Distribution







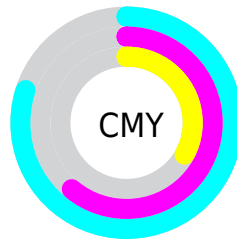
-  Red (20%)
-  Green (39%)
-  Blue (67%)






-  Red (20%)
-  Yellow (34%)
-  Blue (67%)



-  Cyan (70%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (80%)
-  Magenta (61%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 44.126, 281.096 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 42, 44.126, 281.096 by changing the saturation by 10% instead.

 42, 44.126,
281.096

 42, 44.126,
281.096

 100, 44.126,
281.096

 32, 44.126,
281.096

 62, 44.126,
281.096

 22, 44.126,
281.096

 72, 44.126,
281.096

 12, 44.126,
281.096

 82, 44.126,
281.096

 2, 44.126, 281.096

 92, 44.126,
281.096

 0, 44.126, 281.096

 42, 44.126,

 42, 44.126,

281.096

■ 38, 50.785,
284.712

■ 35, 57.617,
288.578

■ 32, 64.608,
292.398

■ 32, 64.749,
292.468

281.096

■ 46, 37.611,
277.845

■ 50, 31.197,
274.995

■ 54, 24.849,
272.538

■ 58, 18.547,
270.437

■ 62, 12.284,
268.649

■ 66, 6.061, 267.136

■ 70, 0.116, 83.580

■ 74, 6.240, 84.603

■ 78, 12.302, 83.638

Harmonies

Complementary

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



42, 44.126, 281.096



55, 46.483, 76.234

Rectangle

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



42, 44.126, 281.096



42, 44.126, 331.096



42, 44.126, 101.096



42, 44.126, 151.096

Sweetspot

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



42, 44.125, 281.097



78, 16.140, 268.912



63, 46.727, 161.004



40, 11.022, 269.373



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



42, 44.125, 281.097



48, 66.490, 286.895



30, 74.089, 303.183



33, 3.461, 267.065



27, 57.576, 291.978



2, 6.661, 270.542

Inverse Universe

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



41, 52.060, 0.068



49, 71.868, 5.257



67, 60.148, 109.043



33, 4.238, 350.452



31, 56.443, 11.068



2, 7.374, 353.204

Previews

White Background



This preview shows how the CIE LCh color 42, 44.126, 281.096 looks on a white 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

Black Background



This preview shows how the CIE LCh color 42, 44.126, 281.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

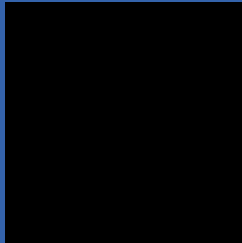
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 44.126, 281.096

Background



This preview shows how black text looks on a background with the CIELCh color 42, 44.126, 281.096.



This preview shows how white text looks on a background with the CIELCh color 42, 44.126, 281.096.

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

42, 44.126, 281.096

Protanopia

42, 43.667, 286.310

Deuteranopia

42, 43.327, 278.156



Tritanopia
42, 26.080, 207.451

Trichromacy



Original Color
42, 44.126, 281.096

Protanomaly
42, 43.829, 284.254

Deuteranomaly
42, 43.219, 278.740

Tritanomaly
42, 27.155, 241.909

Monochromacy



Original Color
42, 44.126, 281.096

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 16.733, 271.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 44.126, 281.096 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(52, 99, 171)` looks like.

```
.text, #text, p{  
    color:rgb(52, 99, 171)  
}
```

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(52, 99, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 99, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 44.126, 281.096 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(52, 99, 171) }
```

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

```
.border{ border-color:rgb(52, 99, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 99, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 99, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 99, 171);  
box-shadow:4px 4px 4px 4px rgb(52, 99,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 44.126, 281.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 99, 171) }
```

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

```
.background{ background-color: rgb(52, 99,  
171) }
```

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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