

Converting Colors

CIELCh(42, 43.240, 282.285)

Have a look what the booklet for
CIELCh(42, 43.240, 282.285)
contains.

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Color

CIELCh(42, 43.374, 282.539)

Conversions

Conversions Part 1

Format	Color
Hex	3A62A9
RGB	58, 98, 169
RGB Percent	23%, 38%, 66%
CMY	0.7725, 0.6157, 0.3372
CMYK	0.66, 0.42, 0.00, 0.34
HSL	218°, 49%, 45%
HSV	218°, 66%, 66%
XYZ	13.2746, 12.5000, 39.2506
YIQ	94.1340, -46.6310, 13.6010

Conversions

Conversions Part 2

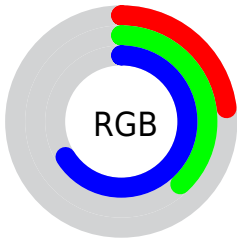
Format	Color
R_{YB}	58, 87, 169
Decimal	3826345
CIE _{Lab}	42.00, 9.42, -42.34
CIE _{LCh}	42, 43.374, 282.539
Yxy	12.5000, 0.2041, 0.1922
Android (android.graphics.Color)	4282016425 (0xFF3A62A9)
YUV	94.1340, 36.9089, -31.6895
Hunter-Lab	35.3553, 5.1483, -41.0735

Details

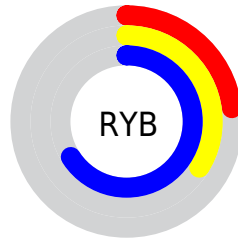
The CIELCh color **42, 43.374, 282.539** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **57, 44.078, 80.020**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 43.675, 282.764**, and **23, 42.804, 286.839** is the 20% darker color. If you saturate the color by 10%, you get **38, 50.439, 285.904**, and if you desaturate by 10%, it is **46, 36.479, 279.534**.

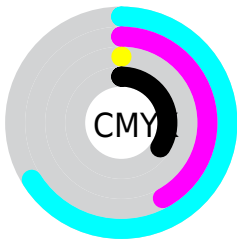
Distribution



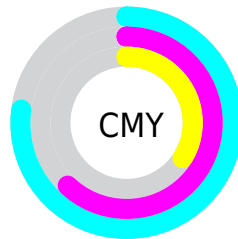
- Red (23%)
- Green (38%)
- Blue (66%)



- Red (23%)
- Yellow (34%)
- Blue (66%)



- Cyan (66%)
- Magenta (42%)
- Yellow (0%)
- Black (34%)





- Cyan (77%)
- Magenta (62%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 43.374, 282.539 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, 43.374, 282.539 by changing the saturation by 10% instead.


 42, 43.374,
282.539


 42, 43.374,
282.539


 100, 43.374,
282.539


 32, 43.374,
282.539

 62, 43.374,
282.539


 22, 43.374,
282.539

 72, 43.374,
282.539

 12, 43.374,
282.539

 82, 43.374,
282.539

 2, 43.374, 282.539

 92, 43.374,
282.539

 0, 43.374, 282.539

 42, 43.374,

 42, 43.374,

282.539

282.539

■ 38, 50.439,
285.904

■ 46, 36.479,
279.534

■ 35, 57.691,
289.539

■ 50, 29.721,
276.910

■ 31, 65.081,
293.270

■ 54, 23.068,
274.649

■ 30, 68.302,
294.763

■ 58, 16.504,
272.715

■ 63, 10.018,
271.066

■ 67, 3.610, 269.685

■ 71, 2.719, 88.312

■ 75, 8.965, 87.310

■ 79, 15.123, 86.396

Harmonies

Complementary

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



42, 43.374, 282.539



57, 44.078, 80.020

Rectangle

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



42, 43.374, 282.539



42, 43.374, 332.539



42, 43.374, 102.539



42, 43.374, 152.539

Sweetspot

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



42, 43.373, 282.540



77, 15.841, 271.805



62, 42.873, 163.808



39, 10.808, 272.255



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



42, 43.373, 282.540



48, 65.396, 287.601



32, 68.863, 303.161



33, 3.592, 270.149



26, 61.208, 294.331



2, 6.876, 272.939

Inverse Universe

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



42, 48.859, 1.647



50, 68.756, 6.283



66, 57.127, 110.847



33, 4.151, 352.708



31, 56.863, 14.434



2, 7.246, 355.259

Previews

White Background



This preview shows how the CIE LCh color 42, 43.374, 282.539 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 CIELCh color 42, 43.374, 282.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

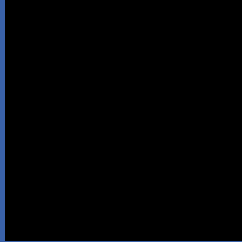
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 43.374, 282.539

Background



This preview shows how black text looks on a background with the CIELCh color 42, 43.374, 282.539.



This preview shows how white text looks on a background with the CIELCh color 42, 43.374, 282.539.

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, 43.374, 282.539

Protanopia

42, 43.091, 286.054

Deuteranopia

42, 42.634, 278.550



Tritanopia
42, 23.855, 210.231

Trichromacy



Original Color
42, 43.374, 282.539

Protanomaly
42, 43.190, 284.511

Deuteranomaly
42, 43.050, 280.158

Tritanomaly
42, 25.845, 247.076

Monochromacy



Original Color
42, 43.374, 282.539

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 16.436, 274.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 43.374, 282.539 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(58, 98, 169)` looks like.

```
.text, #text, p{  
    color:rgb(58, 98, 169)  
}
```

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(58, 98, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 98, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 43.374, 282.539 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(58, 98, 169) }
```

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

```
.border{ border-color:rgb(58, 98, 169) }
```

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

Here you see how a box with a 4 pixel rgb(58, 98, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 98, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 98, 169);  
box-shadow:4px 4px 4px 4px rgb(58, 98,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 43.374, 282.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 98, 169) }
```

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

```
.background{ background-color: rgb(58, 98,  
169) }
```

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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