

Converting Colors

CIELCh(43, 31.262, 267.302)

Have a look what the booklet for
CIELCh(43, 31.262, 267.302)
contains.

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Color

CIELCh(43, 31.250, 267.360)

Conversions

Conversions Part 1

Format	Color
Hex	366999
RGB	54, 105, 153
RGB Percent	21%, 41%, 60%
CMY	0.7887, 0.5887, 0.4005
CMYK	0.65, 0.31, 0.00, 0.40
HSL	209°, 48%, 41%
HSV	209°, 65%, 60%
XYZ	12.2949, 13.1578, 31.9777
YIQ	95.2230, -45.8040, 4.1160

Conversions

Conversions Part 2

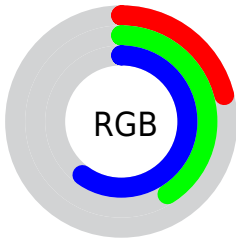
Format	Color
R_{YB}	54, 88, 153
Decimal	3565977
CIE _{Lab}	43.00, -1.44, -31.22
CIE _{LCh}	43, 31.250, 267.360
Yxy	13.1578, 0.2141, 0.2291
Android (android.graphics.Color)	4281756057 (0xFF366999)
YUV	95.2230, 28.4841, -36.1526
Hunter-Lab	36.2736, -2.9765, -26.8766

Details

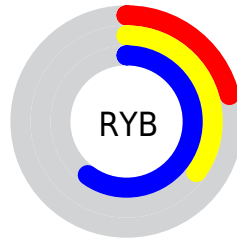
The CIELCh color **43, 31.250, 267.360** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **48, 38.275, 65.955**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 31.464, 267.413**, and **24, 30.557, 273.440** is the 20% darker color. If you saturate the color by 10%, you get **40, 35.710, 271.017**, and if you desaturate by 10%, it is **46, 26.713, 264.193**.

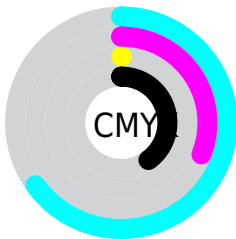
Distribution



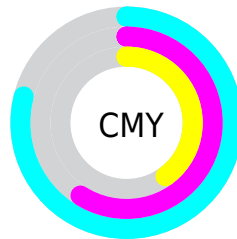
- Red (21%)
- Green (41%)
- Blue (60%)



- Red (21%)
- Yellow (35%)
- Blue (60%)



- Cyan (65%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)





- Cyan (79%)
- Magenta (59%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 31.250, 267.360 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 43, 31.250, 267.360 by changing the saturation by 10% instead.


 43, 31.250,
267.360


 43, 31.250,
267.360


 100, 31.250,
267.360


 33, 31.250,
267.360

 63, 31.250,
267.360


 23, 31.250,
267.360

 73, 31.250,
267.360

 13, 31.250,
267.360

 83, 31.250,
267.360

 3, 31.250, 267.360

 93, 31.250,
267.360

 0, 31.250, 267.360

 43, 31.250,

 43, 31.250,

267.360

267.360

■ 40, 35.710,
271.017

■ 46, 26.713,
264.193

■ 37, 40.158,
275.127

■ 49, 22.069,
261.495

■ 35, 44.675,
279.566

■ 52, 17.305,
259.221

■ 34, 47.125,
281.788

■ 55, 12.431,
257.312

■ 58, 7.464, 255.716

■ 62, 2.424, 254.443

■ 65, 2.666, 73.043

■ 68, 7.787, 72.134

■ 71, 12.921, 71.302

Harmonies

Complementary

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



43, 31.250, 267.360



48, 38.275, 65.955

Rectangle

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



43, 31.250, 267.360



43, 31.250, 317.360



43, 31.250, 87.360



43, 31.250, 137.360

Sweetspot

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



43, 31.249, 267.361



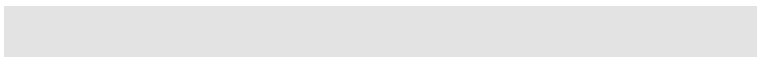
73, 11.868, 256.416



57, 45.003, 155.510



37, 8.131, 256.843



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



43, 31.249, 267.361



51, 45.973, 272.933



29, 61.712, 299.797



31, 2.870, 254.960



31, 43.928, 281.405



2, 3.138, 254.703

Inverse Universe

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



39, 47.062, 350.281



46, 65.495, 353.477



61, 51.080, 103.576



30, 4.228, 343.529



30, 54.598, 359.559



1, 4.495, 343.290

Previews

White Background



This preview shows how the CIELCh color 43, 31.250, 267.360 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 43, 31.250, 267.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

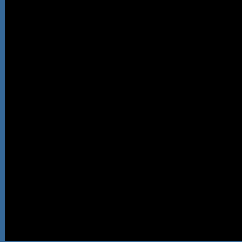
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 31.250, 267.360

Background



This preview shows how black text looks on a background with the CIELCh color 43, 31.250, 267.360.

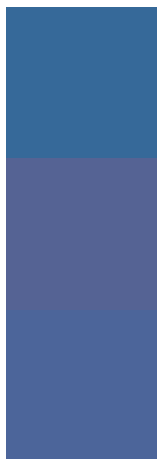


This preview shows how white text looks on a background with the CIELCh color 43, 31.250, 267.360.

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

43, 31.250, 267.360

Protanopia

43, 29.662, 285.598

Deuteranopia

43, 32.363, 281.098



Tritanopia
43, 22.707, 211.009

Trichromacy



Original Color
43, 31.250, 267.360

Protanomaly
43, 30.209, 278.447

Deuteranomaly
43, 32.266, 276.574

Tritanomaly
43, 22.991, 235.116

Monochromacy



Original Color
43, 31.250, 267.360

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 12.229, 256.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 31.250, 267.360 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(54, 105, 153)` looks like.

```
.text, #text, p{  
    color:rgb(54, 105, 153)  
}
```

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(54, 105, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 105, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 31.250, 267.360 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(54, 105, 153) }
```

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

```
.border{ border-color:rgb(54, 105, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 105, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 105, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 105, 153);  
box-shadow:4px 4px 4px 4px rgb(54, 105,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 31.250, 267.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 105, 153) }
```

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

```
.background{ background-color: rgb(54, 105,  
153) }
```

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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