

Converting Colors

CIELCh(45, 6.135, 228.095)

Have a look what the booklet for
CIELCh(45, 6.135, 228.095) contains.

CIELCh(45, 6.135, 228.092)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(45, 6.135, 228.092)

Conversions

Conversions Part 1

Format	Color
Hex	5F6D72
RGB	95, 109, 114
RGB Percent	37%, 43%, 45%
CMY	0.6280, 0.5731, 0.5535
CMYK	0.17, 0.04, 0.00, 0.55
HSL	196°, 9%, 41%
HSV	196°, 17%, 45%
XYZ	13.1853, 14.5417, 17.9864
YIQ	105.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

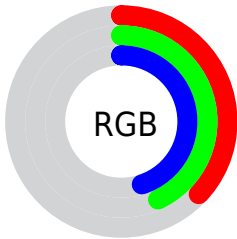
Format	Color
R_{YB}	95, 103, 114
Decimal	6253938
CIE _{Lab}	45.00, -4.10, -4.57
CIE _{LCh}	45, 6.135, 228.092
Yxy	14.5417, 0.2884, 0.3181
Android (android.graphics.Color)	4284444018 (0xFF5F6D72)
YUV	105.3840, 4.2477, -9.1068
Hunter-Lab	38.1336, -5.0148, -1.2716

Details

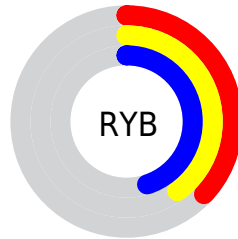
The CIELCh color **45, 6.135, 228.092** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 6.747, 46.223**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 6.063, 232.546**, and **25, 6.307, 223.358** is the 20% darker color. If you saturate the color by 10%, you get **43, 9.555, 228.921**, and if you desaturate by 10%, it is **47, 2.514, 227.497**.

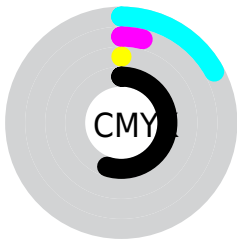
Distribution



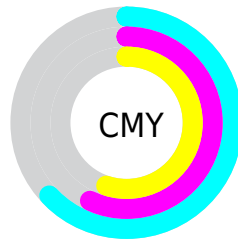
- Red (37%)
- Green (43%)
- Blue (45%)



- Red (37%)
- Yellow (40%)
- Blue (45%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (55%)



- Cyan (63%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 6.135, 228.092 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 45, 6.135, 228.092 by changing the saturation by 10% instead.

■ 45, 6.135, 228.092

■ 45, 6.135, 228.092

■ 100, 6.135,
228.092

■ 35, 6.135, 228.092

■ 65, 6.135, 228.092

■ 25, 6.135, 228.092

■ 75, 6.135, 228.092

■ 15, 6.135, 228.092

■ 85, 6.135, 228.092

■ 5, 6.135, 228.092

■ 95, 6.135, 228.092

■ 0, 6.135, 228.092

■ 45, 6.135, 228.092

■ 45, 6.135, 228.092

■ 43, 9.555, 228.921

■ 47, 2.514, 227.497

■ 42, 12.730,
230.017

■ 49, 1.266, 46.576

40, 15.614,
231.421

50, 5.171, 46.394

39, 18.166,
233.202

52, 9.169, 46.132

37, 20.356,
235.437

54, 13.234, 45.928

36, 22.174,
238.206

56, 17.347, 45.778

58, 21.488, 45.673

35, 23.639,
241.576

60, 25.646, 45.603

62, 29.808, 45.561

33, 24.867,
245.427

33, 25.291,
246.657

Harmonies

Complementary

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



45, 6.135, 228.092



43, 6.747, 46.223

Rectangle

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



45, 6.135, 228.092



45, 6.135, 278.092



45, 6.135, 48.092



45, 6.135, 98.092

Sweetspot

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



45, 6.135, 228.081



60, 2.338, 227.450



46, 11.552, 151.238



31, 1.583, 227.463



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



45, 6.135, 228.081



57, 9.025, 228.375



42, 8.754, 279.310



23, 2.079, 227.601



35, 26.277, 246.944



70, 45.679, 249.885

Inverse Universe

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



43, 11.504, 333.874



53, 17.115, 334.133



46, 8.660, 95.334



22, 3.813, 333.359



26, 54.486, 341.587



55, 92.134, 342.580

Previews

White Background



This preview shows how the CIELCh color 45, 6.135, 228.092 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 45, 6.135, 228.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

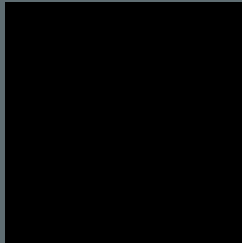
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

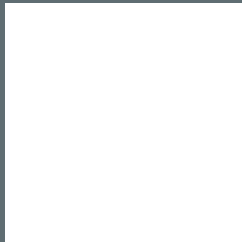
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 6.135, 228.092

Background



This preview shows how black text looks on a background with the CIELCh color 45, 6.135, 228.092.



This preview shows how white text looks on a background with the CIELCh color 45, 6.135, 228.092.

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

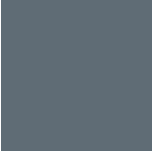
45, 6.135, 228.092

Protanopia

45, 3.612, 297.078

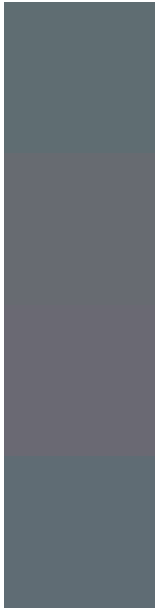
Deuteranopia

45, 8.261, 320.230



Tritanopia
45, 7.229, 247.244

Trichromacy



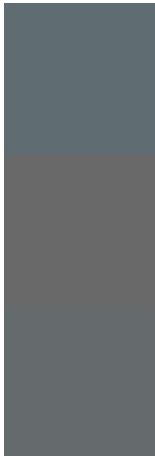
Original Color
45, 6.135, 228.092

Protanomaly
45, 3.889, 266.578

Deuteranomaly
45, 5.999, 294.813

Tritanomaly
45, 6.826, 243.594

Monochromacy



Original Color
45, 6.135, 228.092

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 2.325, 230.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 6.135, 228.092 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(95, 109, 114)` looks like.

```
.text, #text, p{  
    color:rgb(95, 109, 114)  
}
```

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(95, 109, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 109, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 6.135, 228.092 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(95, 109, 114) }
```

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

```
.border{ border-color:rgb(95, 109, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 109, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 109, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 109, 114);  
box-shadow:4px 4px 4px 4px rgb(95, 109,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 6.135, 228.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 109, 114) }
```

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

```
.background{ background-color: rgb(95, 109,  
114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor